Iowa Department of Natural Resources
Title V Operating Permit

Name of Permitted Facility: General Mills Operations, Inc.
Facility Location: 4800 Edgewood Road, SW
Cedar Rapids, IA 52404
Air Quality Operating Permit Number: 04-TV-016-M002
Expiration Date: September 30, 2009

EIQ Number: 92-9085
Facility File Number: 57-01-012

Responsible Official
Name: Mr. Rue Patel
Title: Plant Manager
Mailing Address: PO Box 3007, Cedar Rapids, IA 52406-3007
Phone #: (319) 390-2140

Permit Contact Person for the Facility
Name: Mr. Arthur W. Potratz
Title: Environmental Coordinator
Mailing Address: PO Box 3007, Cedar Rapids, IA 52406-3007
Phone #: (319) 390-2191

This permit is issued in accordance with 567 Iowa Administrative Code Chapter 22, and is issued subject to the terms and conditions contained in this permit.

For the Director of the Department of Natural Resources

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Douglas A. Campbell, Supervisor of Air Operating Permits Section Date

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Abbreviations

acfm.....actual cubic feet per minute
CFR.....Code of Federal Regulation
CE .....control equipment
CEM.....continuous emission monitor
^{o}F.....degrees Fahrenheit
EIQ.....emissions inventory questionnaire
EP.....emission point
EU .....emission unit
gr./dscf .....grains per dry standard cubic foot
gr./100 cf.....grains per one hundred cubic feet
IAC.....Iowa Administrative Code
IDNR.....Iowa Department of Natural Resources
MVAC.....motor vehicle air conditioner
NAICS.....North American Industry Classification System
NSPS.....new source performance standard
ppmv .....parts per million by volume
lb./hr.....pounds per hour
lb./MMBtu .....pounds per million British thermal units
SCC.....Source Classification Codes
scfm.....standard cubic feet per minute
SIC .....Standard Industrial Classification
TPY .....tons per year
USEPA.....United States Environmental Protection Agency

Pollutants
PM.....particulate matter
PM_{10}.....particulate matter ten microns or less in diameter
SO_2.....sulfur dioxide
NO_x .....nitrogen oxides
VOC.....volatile organic compound
CO.....carbon monoxide
HAP.....hazardous air pollutant

I. Facility Description and Equipment List

Facility Name: General Mills Operations, Inc.
Permit Number: 04-TV-016-M002

Facility Description: Breakfast Cereal Manufacturing Facility (SIC 2043)

Equipment List

Emission Point Number	Emission Unit Number	Associated Emission Unit Description	LCPH ATI / PTO Numbers
1	EU001A	Boiler #1 (Natural Gas)	40B / 4581
1	EU001B	Boiler #1 (Propane)	40B / 4581
2	EU002A	Boiler #2 (Natural Gas)	40B / 4582
2	EU002B	Boiler #2 (Propane)	40B / 4582
102	EU102	Dryer	4324 / 4520
103	EU103	Dryer	4319 / 4521
104	EU104	Cookers	4931 / 0
105	EU105	Product Receiver	721 / 4543
107	EU107	Shaper	4444 / 4664
108	EU108	Shaper	4477 / 4756
109	EU109	Shaper	4544 / 4755
111	EU111A	Dryer	921 / 4487
112	EU112	Dryer	922 / 4488
113	EU113	Extruder	923 / 4489
114	EU114A	Dryer	924 / 4490
115	EU114B	Dryer	925 / 4491
119	EU119	Slurry	929 / 4492
120	EU111B	Dryer	930 / 4493
125	EU125	Slurry	4329 / 4523
130	EU130	Dryer	2063 / 4558
132	EU132A	Gas Fired Preheater (Natural Gas)	2066 / 4600
132	EU132B	Gas Fired Preheater (Propane)	2066 / 4600
133	EU133	Cooker	2068 / 4563
134	EU134	Dryer	2065 / 4653
135	EU135	Shaper	4546 / 4757
136	EU136	Cooker	2313 / 4555
137	EU137	Dryer	2312 / 4654
138	EU138	Dryer	2314 / 4655
139	EU139A	Gas Fired Preheater (Natural Gas)	2317 / 4601
139	EU139B	Gas Fired Preheater (Propane)	2317 / 4601
140	EU140A	Gas Fired Preheater (Natural Gas)	2316 / 4602

140	**EU140B**	**Gas Fired Preheater (Propane)**	**2316 / 4602**
141	**EU141A**	**Gas Fired Preheater (Natural Gas)**	**2324 / 4603**
141	**EU141B**	**Gas Fired Preheater (Propane)**	**2324 / 4603**
145	**EU145**	**Shaper**	**4478 / 4758**
146	**EU146**	**Shaper**	**4638 / 4759**
147	**EU147**	**Shaper**	**4639 / 4760**
148	**EU148**	**Liquid Mix**	**4383 / 4662**
149	**EU149**	**Dryer**	**3165 / 4663**
150	**EU150A**	**Gas Fired Preheater (Natural Gas)**	**4450 / 4604**
150	**EU150B**	**Gas Fired Preheater (Propane)**	**4450 / 4604**
151	**EU151A**	**Gas Fired Preheater (Natural Gas)**	**3166 / 4605**
151	**EU151B**	**Gas Fired Preheater (Propane)**	**3166 / 4605**
152	**EU152**	**Base Bin**	**4919 / 0**
156	**EU156**	**Enrober**	**3690 / 3739**
157	**EU157A**	**Dryer (Natural Gas)**	**3691 / 4639**
157	**EU157B**	**Dryer (Propane)**	**3691 / 4639**
157	**EU157C**	**Dryer (Base Cereal)**	**3691 / 4639**
158	**EU158A**	**Dryer (Natural Gas)**	**3692 / 4638**
158	**EU158B**	**Dryer (Propane)**	**3692 / 4638**
158	**EU158C**	**Dryer (Base Cereal)**	**3692 / 4638**
159	**EU159**	**Propane Gas Feed Vaporizer**	**3905 / 4579**
160	**EU160**	**Central Vacuum System**	**4010 / 4025**
161	**EU161**	**Dryer**	**4933 / 0**
162	**EU162**	**Standby Generator**	**4295 / 4643**
163	**EU163**	**Dryer**	**4340 / 4665**
164	**EU164A**	**Gas Fired Preheater (Natural Gas)**	**4451 / 4640**
164	**EU164B**	**Gas Fired Preheater (Propane)**	**4451 / 4640**
165	**EU165A**	**MCC Emergency Generator (Standby) (Natural Gas)**	**4640 / 4641**
165	**EU165B**	**MCC Emergency Generator (Standby) (Propane)**	**4640 / 4641**
166	**EU166A**	**Shop Emergency Generator (Standby) (Natural Gas)**	**4601 /4761**
166	**EU166B**	**Shop Emergency Generator (Standby) (Propane)**	**4601 / 4761**
200	**EU200**	**Product Receiver**	**4934 / 0**
300	**EU300**	**Product Receiver**	**679 / 4650**
301	**EU301**	**Product Receiver**	**680 / 4651**
302	**EU302**	**Product Receiver**	**681 / 4652**
305	**EU305**	**Dryer**	**1364 / 4645**
306	**EU306**	**Dryer**	**1363 / 4646**
307	**EU307**	**Backup Generator**	**4607 / 4762**
309	**EU309**	**Dryer**	**3906 / 4647**
313	**EU313A**	**Boiler #3 (Natural Gas)**	**2533 / 4583**
313	**EU313B**	**Boiler #3 (Propane)**	**2533 / 4583**
321	**EU321A**	**Water Heater (Natural Gas)**	**3886 / 4584**

321	**EU321B**	**Water Heater (Propane)**	**3886 / 4584**
322	**EU322A**	**Water Heater (Natural Gas)**	**3887 / 4585**
322	**EU322B**	**Water Heater (Propane)**	**3887 / 4585**
324	**EU324**	**Dryer**	**3903 / 4648**
325	**EU325**	**Dryer**	**3904 / 4649**
327	**EU327A**	**Boiler #4 (Natural Gas)**	**4009 / 4586**
327	**EU327B**	**Boiler #4 (Propane)**	**4009 / 4586**
328	**EU328**	**Central Vacuum System**	**4090 / 4125**
330	**EU330**	**Standby Generator**	**4144 / 4644**
339	**EU339**	**Material Conditioner**	**4244 / 4518**
998	**EU998**	**Temporary Portable Boiler**	**3767 / 4642**

Insignificant Equipment List

Insignificant Emission Unit Number	Insignificant Emission Unit Description
INSFUG1	Gravel Parking Lots
INSFUG2	Maintenance Sand Blasting Areas
INSFUG3	Maintenance Welding Areas
INSFUG4	Multiple Dust Collectors Exhausting in Plant
INSFUG5	By Products Load Out
INSFUG6	Maintenance Parts Washers
INSFUG7	Ink Jet Coders
INSFUG8	Effluent Neutralization Tank
INSFUG9	Cleaning Chemical Storage
INSFUG10	Case Code Daters
INSFUG11	Multiple Case Gluers
INSFUG12	Container Laser Coding
INSFUG13	Label Printers for Pallets
INSFUG14	Vacuum Pump Exhausts
INSFUG15	Diesel Fuel Storage Tanks
INSFUG16	Skimmer Tanks
INSFUG17	Used Oil Tanks
INSFUG18	Diesel Powered Fire Pump
INSFUG19	Gluing at Unitizers
INSFUG20	Forklift Battery Charging
INSFUG21	Air Drying Equipment
INSFUG22	Maintenance Painting
INSFUG23	Wash Rack Exhausts
INSFUG24	Knife Blade Sharpener

II. Plant-Wide Conditions

Facility Name: **General Mills Operations, Inc.**
Permit Number: 04-TV-016-M002

Permit conditions are established in accord with 567 Iowa Administrative Code rule 22.108

Permit Duration

The term of this permit is: less than 5 years
Commencing on: October 1, 2004
Ending on: September 30, 2009

Amendments, modifications and reopenings of the permit shall be obtained in accordance with 567 Iowa Administrative Code rules 22.110 - 22.114. Permits may be suspended, terminated, or revoked as specified in 567 Iowa Administrative Code Rules 22.115.

Plant-Wide Emission Limits
The atmospheric emissions from the plant as a whole shall not exceed the following:

Combustion Bubble Limit:
Nitrogen Oxide (NO_x): 235 tpy
This emission limit shall apply to the following emission points:

Emission Unit	Nitrogen Oxide (NOx)	Authority for Requirement
EU001	235 tpy	LCPH ATI 40B / PTO 4581
EU002	235 tpy	LCPH ATI 40B / PTO 4582
EU132	235 tpy	LCPH ATI 2066 / PTO 4600
EU139	235 tpy	LCPH ATI 2317 / PTO 4601
EU140	235 tpy	LCPH ATI 2316 / PTO 4602
EU141	235 tpy	LCPH ATI 2324 / PTO 4603
EU150	235 tpy	LCPH ATI 4450 / PTO 4604
EU151	235 tpy	LCPH ATI 3166 / PTO 4605
EU157	235 tpy	LCPH ATI 3691 / PTO 4639
EU158	235 tpy	LCPH ATI 3692 / PTO 4638
EU159	235 tpy	LCPH ATI 3905 / PTO 4579
EU162	235 tpy	LCPH ATI 4295 / PTO 4643
EU164	235 tpy	LCPH ATI 4451 / PTO 4640
EU165	235 tpy	LCPH ATI 4640 / PTO 4641
EU166	235 tpy	LCPH ATI 4601 / PTO 4761
EU307	235 tpy	LCPH ATI 4607 / PTO 4762
EU313	235 tpy	LCPH ATI 2533 / PTO 4583
EU321	235 tpy	LCPH ATI 3886 / PTO 4584
EU322	235 tpy	LCPH ATI 3887 / PTO 4585

EU327	235 tpy	LCPH ATI 4009 / PTO 4586
EU330	235 tpy	LCPH ATI 4144 / PTO 4644
EU998	235 tpy	LCPH ATI 3767 / PTO 4642

Facility Operating Limits:

- Propane usage shall be limited to 12,000,000 gallons per year based on a 12-month rolling total.
- Emission units shall only use natural gas, propane and/or diesel fuel.

Facility Bubble Permit Record keeping Requirements:

- Track on a monthly basis the total gallons of propane used and calculate propane fuel usage using a 12-month rolling total for all emission points in the bubble permit.
- Calculate on a monthly basis the total NOx emissions from burning propane for emission sources in the bubble permit. Apply this to a 12-month rolling total for NOx sources.
- Track on a monthly basis the total amount of natural gas used and calculate natural gas fuel usage using a 12-month rolling total for all emission points in the bubble permit.
- Calculate on a monthly basis the total NOx emissions from burning natural gas for emission sources identified in the bubble permit. Apply this to a 12-month rolling total for NOx sources.
- Track on a monthly basis the total amount of diesel fuel used and calculate diesel fuel usage using a 12-month rolling total for all emission points in the bubble permit.
- Calculate on a monthly basis the total NOx emissions from burning diesel fuel for emission sources in the bubble permit. Apply this to a 12-month rolling total for NOx sources.

Facility Reporting:

The following information shall be submitted to this department by the 30th of each month for the previous quarter (January 30, April 30, July 30 and October 30).

- Submit a quarterly report summarizing the facility's 12-month rolling NOx emission totals for emission sources in the bubble permit.
- Submit a quarterly report summarizing the facility's propane usage based on a 12-month rolling total.

Emission Unit	Operating Limits	Recordkeeping Requirements	Reporting	Authority for Requirement
EU001	12,000,000 gal/yr propane	Monthly fuel usage and emissions calculations.	Quarterly propane use & NO_x emissions	LCPH ATI 40B / PTO 4581
EU002	12,000,000 gal/yr propane	Monthly fuel usage and emissions calculations.	Quarterly propane use & NO_x emissions	LCPH ATI 40B / PTO 4582
EU132	12,000,000 gal/yr propane	Monthly fuel usage and emissions calculations.	Quarterly propane use & NO_x emissions	LCPH ATI 2066 / PTO 4600
EU139	12,000,000 gal/yr propane	Monthly fuel usage and emissions calculations.	Quarterly propane use & NO_x emissions	LCPH ATI 2317 / PTO 4601
EU140	12,000,000 gal/yr propane	Monthly fuel usage and emissions calculations.	Quarterly propane use & NO_x emissions	LCPH ATI 2316 / PTO 4602
EU141	12,000,000 gal/yr propane	Monthly fuel usage and emissions calculations.	Quarterly propane use & NO_x emissions	LCPH ATI 2324 / PTO 4603
EU150	12,000,000 gal/yr propane	Monthly fuel usage and emissions calculations.	Quarterly propane use & NO_x emissions	LCPH ATI 4450 / PTO 4604
EU151	12,000,000 gal/yr propane	Monthly fuel usage and emissions calculations.	Quarterly propane use & NO_x emissions	LCPH ATI 3166 / PTO 4605
EU157	12,000,000 gal/yr propane	Monthly fuel usage and emissions calculations.	Quarterly propane use & NO_x emissions	LCPH ATI 3691 / PTO 4639
EU158	12,000,000 gal/yr propane	Monthly fuel usage and emissions calculations.	Quarterly propane use & NO_x emissions	LCPH ATI 3692 / PTO 4638
EU159	12,000,000 gal/yr propane	Monthly fuel usage and emissions calculations.	Quarterly propane use & NO_x emissions	LCPH ATI 3905 / PTO 4579
EU162	12,000,000 gal/yr propane	Monthly fuel usage and emissions calculations.	Quarterly propane use & NO_x emissions	LCPH ATI 4295 / PTO 4643
EU164	12,000,000 gal/yr propane	Monthly fuel usage and emissions calculations.	Quarterly propane use & NO_x emissions	LCPH ATI 4451 / PTO 4640
EU165	12,000,000 gal/yr propane	Monthly fuel usage and emissions calculations.	Quarterly propane use & NO_x emissions	LCPH ATI 4640 / PTO 4641
EU166	12,000,000 gal/yr propane	Monthly fuel usage and emissions calculations.	Quarterly propane use & NO_x emissions	LCPH ATI 4601 / PTO 4761
EU307	12,000,000 gal/hr propane	Monthly fuel usage and emissions calculations.	Quarterly propane use & NOx emissions	LCPH ATI 4607 / PTO 4762
EU313	12,000,000 gal/yr propane	Monthly fuel usage and emissions calculations.	Quarterly propane use & NO_x emissions	LCPH ATI 2533 / PTO 4583
EU321	12,000,000 gal/yr propane	Monthly fuel usage and emissions calculations.	Quarterly propane use & NO_x emissions	LCPH ATI 3886 / PTO 4584
EU322	12,000,000 gal/yr propane	Monthly fuel usage and emissions calculations.	Quarterly propane use & NO_x emissions	LCPH ATI 3887 / PTO 4585
EU327	12,000,000 gal/yr propane	Monthly fuel usage and emissions calculations.	Quarterly propane use & NO_x emissions	LCPH ATI 4009 / PTO 4586
EU330	12,000,000 gal/yr propane	Monthly fuel usage and emissions calculations.	Quarterly propane use & NO_x emissions	LCPH ATI 4144 / PTO 4644
EU998	12,000,000 gal/yr propane	Monthly fuel usage and emissions calculations.	Quarterly propane use & NO_x emissions	LCPH ATI 3767 / PTO 4642

VOC Bubble Limit:

Volatile Organic Compounds (VOC): 226 tpy
This emission limit is a facility bubble limit for volatile organic compounds (VOCs) emitted from the use of flavorings in the fruit and cereal processes, both fugitive and point source emissions, at the facility.

This emission limit shall apply to the following emission points:

Emission Unit	Volatile Organic Compounds (VOC)	Authority for Requirement
EU305	226 tpy	LCPH ATI 1364 / PTO 4645
EU306	226 tpy	LCPH ATI 1363 / PTO 4646
EU309	226 tpy	LCPH ATI 3906 / PTO 4647
EU324	226 tpy	LCPH ATI 3903 / PTO 4648
EU325	226 tpy	LCPH ATI 3904 / PTO 4649

The amount of VOC emitted shall be tracked using a mass balance analysis based on ingredient flavors. When calculating VOC emissions from flavorings used at the facility, the facility will assume the following:

- 100% of the ethyl alcohol (EA) content is emitted in the process
- 100% of the propylene glycol (PG) content is retained in the product

The amount of VOC emitted shall be reported each year with one emission point, EP305, as tons of VOCs as the total for all emission points.

Tracking of ingredient flavor use will be completed via internal ingredient tracking methods. This information will be compiled by the Environmental professionals and kept as a 12-month rolling total.

Facility Operating Limits:
Sources covered under the bubble limit shall comply with the following operational limits:

- 150,000 pounds per year usage of flavorings with a maximum ethyl alcohol content of 100% (60.01% - 100.00%)
- 350,000 pounds per year usage of flavorings with a maximum ethyl alcohol content of 60% (25.01% - 60.00%)
- 350,000 pounds per year usage of flavorings with a maximum ethyl alcohol content of 25% (1.01% - 25.00%)
- 400,000 pounds per year usage of flavorings with a maximum ethyl alcohol content of 1% (0% - 1.00%)

The facility may substitute, change or add any food grade ingredient to any of its manufacturing processes as necessary within the facility operating limits.

Facility Monitoring:

- Test 1 fruit sample per calendar year for retention of the propylene glycol (PG).

Facility Recordkeeping:
A log of operation shall be maintained for the facility. All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

The facility will track and calculate monthly and apply it to a 12-month rolling total the following items:

- VOC emissions associated to flavoring use for all VOC flavoring sources
- Pounds used of flavorings with an EA content above 60% (60.01% - 100.00%)
- Pounds used of flavorings with an EA content between 25% and 60% (25.01% - 60.00%)
- Pounds used of flavorings with an EA content between 1% and 25% (1.01% - 25.00%)
- Pounds used of flavorings with an EA content 1% or below (0-1.00%)

The facility must keep records of the VOC content of each flavoring product.
The facility must track once a calendar year the total use of propylene glycol.

To verify the ingredient inventory, the following will be required to be recorded:

- Inventory will be counted monthly
- Record flavoring usage on a monthly basis

Facility Reporting:
The following information shall be submitted to the Linn County Public Health Department by the 30th of each month for the previous quarter (January 30, April 30, July 30 and October 30).

Submit a quarterly report summarizing the following information:

- The 12-month rolling total of VOC emissions from flavoring use in fruit and cereal processes
- The 12-month rolling total pounds of flavorings used with EA content above 60% (60.01% - 100.00%)
- The 12-month rolling total pounds of flavorings used with an EA content between 25% and 60% (25.01% - 60.00%)
- The 12-month rolling total pounds of flavorings used with an EA content between 1% and 25% (1.01% - 25.00%)
- The 12-month rolling total pounds of flavorings used with an EA content 1% or below (0-1.00%)

Submit annually by March 31 of each year for the previous calendar year the following:

- Annual use of propylene glycol in pounds

Emission Unit	Operating Limits	Recordkeeping Requirements	Reporting	Authority for Requirement
EU305	Maximum lbs flavoring used	12-month rolling total VOC emissions & lbs flavoring used	Quarterly rolling total VOC emissions & lbs flavorings, annual PG	LCPH ATI 1364 / PTO 4645
EU306	Maximum lbs flavoring used	12-month rolling total VOC emissions & lbs flavoring used	Quarterly rolling total VOC emissions & lbs flavorings, annual PG	LCPH ATI 1363 / PTO 4646

Emission Unit	Operating Limits	Recordkeeping Requirements	Reporting	Authority for Requirement
EU309	Maximum lbs flavoring used	12-month rolling total VOC emissions & lbs flavoring used	Quarterly rolling total VOC emissions & lbs flavorings, annual PG	LCPH ATI 3906 / PTO 4647
EU324	Maximum lbs flavoring used	12-month rolling total VOC emissions & lbs flavoring used	Quarterly rolling total VOC emissions & lbs flavorings, annual PG	LCPH ATI 3903 / PTO 4648
EU325	Maximum lbs flavoring used	12-month rolling total VOC emissions & lbs flavoring used	Quarterly rolling total VOC emissions & lbs flavorings, annual PG	LCPH ATI 3904 / PTO 4649

Unless specified otherwise in the Source Specific Conditions, the following limitations and supporting regulations apply to all emission points at this plant:

Opacity (visible emissions): 20% opacity
Authority for Requirement: LCO 10.7

Sulfur Dioxide (SO_2): 500 parts per million by volume
Authority for Requirement: 567 IAC 23.3(3)"e"
LCO 10.12(2)

Particulate Matter (state enforceable only)[1]:
No person shall cause or allow the emission of particulate matter from any source in excess of the emission standards specified in this chapter, except as provided in 567 – Chapter 24. For sources constructed, modified or reconstructed after July 21, 1999, the emission of particulate matter from any process shall not exceed an emission standard of 0.1 grain per dry standard cubic foot of exhaust gas, except as provided in 567 – 21.2(455B), 23.1(455B), 23.4(455B) and 567 – Chapter 24.
For sources constructed, modified or reconstructed prior to July 21, 1999, the emission of particulate matter from any process shall not exceed the amount determined from Table I, or amount specified in a permit if based on an emission standard of 0.1 grain per standard cubic foot of exhaust gas or established from standards provided in 23.1(455B) and 23.4(455B).
Authority for Requirement: 567 IAC 23.3(2)"a" (as revised 7/21/1999)

Particulate Matter[2]:
The emission of particulate matter from any process shall not exceed the amount determined from Table I, except as provided in 567 — 21.2(455B), 23.1(455B), 23.4(455B) and 567 — Chapter 24. If the director determines that a process complying with the emission rates specified in Table I is causing or will cause air pollution in a specific area of the state, an emission standard of 0.1 grain per standard cubic foot of exhaust gas may be imposed.
Authority for Requirement: 567 IAC 23.3(2)"a" (prior to 7/21/1999)

[1] Pending approval into Iowa's State Implementation Plan (SIP), paragraph 567 IAC 23.3(2)"a" (as revised 7/21/1999) is considered *state enforceable only*.
[2] Paragraph 567 IAC 23.3(2)"a" (prior to 7/21/1999) is the general particulate matter emission standard currently in the Iowa SIP.

Particulate Matter: No person shall permit, cause, suffer or allow the emission of particulate matter into the atmosphere in any one hour from any emission point from any process equipment at a rate in excess of that specified in Table I for the process weight rate allocated to such emission point. The emission standards in LCO 10.9 (1)"a" shall apply and those specified in LCO 10.8 and 10.9 and Table I shall not apply to each process of the types listed in those sections, with the following exception: whenever the compliance status, history of operations, ambient air quality in the vicinity, or the type of control equipment utilized, would warrant maximum control, the Air Pollution Control Officer may enforce 0.1 grain per standard cubic foot of exhaust gas, or Table I of this section, whichever would result in the lowest allowable emission rate.
Authority for Requirement: LCO 10.9(1)

Fugitive Dust: Attainment and Unclassified Areas - No person shall allow, cause or permit any materials to be handled, transported or stored; or a building, its appurtenances or a construction haul road to be used, constructed, altered repaired or demolished, with the exception of farming operations or dust generated by ordinary travel on unpaved public roads, without taking reasonable precautions to prevent particulate matter in quantities sufficient to create a nuisance, as defined in Iowa Code section 657.1, from becoming airborne. All persons, with the above exceptions, shall take reasonable precautions to prevent the discharge of visible emissions of fugitive dusts beyond the lot line of the property on which the emissions originate. The highway authority shall be responsible for taking corrective action in those cases where said authority has received complaints of or has actual knowledge of dust conditions which require abatement pursuant to this subrule. Reasonable precautions may include, but not limited to, the following procedures.

1. Use, where practical, of water or chemicals for control of dusts in the demolition of existing buildings or structures, construction operations, the grading of roads or the clearing of land.
2. Application of suitable materials, such as but not limited to asphalt, oil, water or chemicals on unpaved roads, material stockpiles, race tracks and other surfaces which can give rise to airborne dusts.
3. Installation and use of containment or control equipment, to enclose or otherwise limit the emissions resulting from the handling and transfer of dusty materials, such as but not limited to grain, fertilizers or limestone.
4. Covering at all times when in motion, open-bodied vehicles transporting materials likely to give rise to airborne dusts.
5. Prompt removal of earth or other material from paved streets or to which earth or other material has been transported by trucking or earth-moving equipment, erosion by water or other means.

Authority for Requirement: 567 IAC 23.3(2)"c"
LCO 10.13

Regulatory Authority

This facility is located in Linn County, Iowa. Linn County Public Health Department, under agreement with the Iowa Department of Natural Resources (IDNR), is the primary regulatory agency in Linn County. This Title V permit is issued by the Iowa Department of Natural Resources, however, required contacts and information submittals referred to in this permit as required by "the Department" should continue to be directed to the Linn County Public Health Department office. This will include such items as stack test notification, stack test results submittal, oral and written excess emission reports, and reports and records required in the Linn County construction permits. Information specifically required by the Title V permit such as the annual EIQ and fees, annual compliance certification, semi-annual monitoring report and any Title V forms submitted for updates, modifications, renewals, etc. must be submitted to the Iowa DNR.

Authority for Requirement: 567 IAC 22.108

Compliance Plan

The owner/operator shall comply with the applicable requirements listed below. The compliance status is based on information provided by the applicant.

Unless otherwise noted in Section III of this permit, General Mills Operations, Inc. is in compliance with all applicable requirements and shall continue to comply with all such requirements. For those applicable requirements which become effective during the permit term, General Mills Operations, Inc. shall comply with such requirements in a timely manner.
Authority for Requirement: 567 IAC 22.108(15)

III. Emission Point-Specific Conditions

Facility Name: **General Mills Operations, Inc.**
Permit Number: **04-TV-016-M001**

Emission Point ID Number: 1

Associated Equipment

Associated Emission Unit ID Numbers: EU001

Emission Unit vented through this Emission Point: EU001
Emission Unit Description: Boiler #1
Raw Material/Fuel: Natural Gas, Propane
Rated Capacity: 40 MMBtu/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 40B / PTO 4581
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.30 lb/hr, 1.31 tpy
Authority for Requirement: LCPH ATI 40B / PTO 4581

Pollutant: PM-10
Emission Limit(s): 0.278 lb/MMBtu
Authority for Requirement: LCPH ATI 40B / PTO 4581
LCO 10.8(2)"b"

Pollutant: Particulate Matter
Emission Limit(s): 0.30 lb/hr, 1.31 tpy
Authority for Requirement: LCPH ATI 40B / PTO 4581

Pollutant: Particulate Matter
Emission Limit(s): 0.278 lb/MMBtu
Authority for Requirement: LCPH ATI 40B / PTO 4581
LCO 10.8(2)"b"

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 0.03 lb/hr, 0.14 tpy
Authority for Requirement: LCPH ATI 40B / PTO 4581

Pollutant: Nitrogen Oxides (NO_x)
Emission Limit(s): 235 tpy
Authority for Requirement: LCPH ATI 40B / PTO 4581
See Plant-Wide Conditions for Plant-Wide NO_x limit.

Pollutant: Carbon Monoxide (CO)
Emission Limit(s): 14.43 tpy
Authority for Requirement: LCPH ATI 40B / PTO 4581

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

See Plant-Wide Conditions section for Facility Operating Limits, Record keeping Requirements and Reporting Requirements that apply to this emission point.

Emission Point Characteristics
This emission point shall conform to the specifications listed below.

Stack Height (ft, from ground): 78
Discharge Style: Vertical, Obstructed
Stack Opening (inches, diameter): 36
Exhaust Temperature (°F): 450
Exhaust Flowrate (scfm): 5665
Authority for Requirement: LCPH ATI 40B / PTO 4581

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements
The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling

operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 2

Associated Equipment

Associated Emission Unit ID Numbers: EU002

Emission Unit vented through this Emission Point: EU002
Emission Unit Description: Boiler #2
Raw Material/Fuel: Natural Gas, Propane
Rated Capacity: 40 MMBtu/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 40B / PTO 4582
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.30 lb/hr, 1.31 tpy
Authority for Requirement: LCPH ATI 40B / PTO 4582

Pollutant: PM-10
Emission Limit(s): 0.278 lb/MMBtu
Authority for Requirement: LCPH ATI 40B / PTO 4582
LCO 10.8(2)"b"

Pollutant: Particulate Matter
Emission Limit(s): 0.30 lb/hr, 1.31 tpy
Authority for Requirement: LCPH ATI 40B / PTO 4582

Pollutant: Particulate Matter
Emission Limit(s): 0.278 lb/MMBtu
Authority for Requirement: LCO 10.8(2)"b"

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 0.03 lb/hr, 0.14 tpy
Authority for Requirement: LCPH ATI 40B / PTO 4582

Pollutant: Nitrogen Oxide (NO_x)
Emission Limit(s): 235 tpy
Authority for Requirement: LCPH ATI 40B / PTO 4582
See Plant-Wide Conditions for Plant-Wide NO_x limit.

Pollutant: Carbon Monoxide (CO)
Emission Limit(s): 3.29 lb/hr, 14.43 tpy
Authority for Requirement: LCPH ATI 40B / PTO 4582

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

See Plant-Wide Conditions section for Facility Operating Limits, Record keeping Requirements and Reporting Requirements that apply to this emission point.

Emission Point Characteristics
This emission point shall conform to the specifications listed below.

Stack Height (ft, from ground): 78
Discharge Style: Vertical, Obstructed
Stack Opening (inches, diameter): 36
Exhaust Temperature (°F): 450
Exhaust Flowrate (scfm): 5689
Authority for Requirement: LCPH ATI 40B / PTO 4582

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements
The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 102

Associated Equipment

Associated Emission Unit ID Numbers: EU102
Emissions Control Equipment ID Number: CE102
Emissions Control Equipment Description: Wet Scrubber

Emission Unit vented through this Emission Point: EU102
Emission Unit Description: Dryer
Raw Material/Fuel: Finished Cereal
Rated Capacity: 13.98 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 4324 / PTO 4520
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.01 gr/scf, 0.68 lb/hr, 2.96 tpy
Authority for Requirement: LCPH ATI 4324 / PTO 4520

Pollutant: Particulate Matter
Emission Limit(s): 0.01 gr/scf, 0.68 lb/hr, 2.96 tpy
Authority for Requirement: LCPH ATI 4324 / PTO 4520

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device:
A Ducon Dynamic wet scrubber shall be used to control PM/PM10 emissions. The control equipment shall be maintained properly and operated at all times while the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Record keeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.
Authority for Requirement: LCPH ATI 4324 / PTO 4520

Operating Limits:

- Water flow rate to the scrubber unit shall be maintained at a minimum of 17 gallons per minute at all times while the unit is in operation.

Authority for Requirement: LCPH ATI 4324 / PTO 4520

Operating Condition Monitoring and Record keeping:

A log of operation shall be maintained for the operation of the above listed unit.

- Daily scrubber fresh water make-up rates
- Weekly drying rate
- Records of all maintenance and repair completed to the scrubber.

Note: *The operation of an audible low water flow alarm system for the scrubber unit can be operated in lieu of daily logging of the water flow rate to the scrubber unit.*

All monitors shall be easily accessible to air pollution personnel. All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and/or their authorized representatives.

Authority for Requirement: LCPH ATI 4324 / PTO 4520

Emission Point Characteristics

Stack Height (feet from ground): 72
Discharge Style: Vertical
Stack Opening (inches in diameter): 30"
Exhaust Temperature (°F): 125
Exhaust Flowrate(acfm): 8738
Authority for Requirement: LCPH ATI 4324 / PTO 4520

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:

The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective

action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Facility operation and maintenance plans must be sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the applicable requirements.

Facility operation and maintenance plans are to be developed by the facility within six (6) months of the issuance date of this permit and the data pertaining to the plan maintained on site for at least 5 years. The plan and associated recordkeeping provides documentation of this facility's implementation of its obligation to operate according to good air pollution control practice.

Good air pollution control practice is achieved by adoption of quality control standards in the operation and maintenance procedures for air pollution control that are comparable to industry quality control standards for the production processes associated with this emission point.

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 103

Associated Equipment

Associated Emission Unit ID Numbers: EU103
Emissions Control Equipment ID Number: CE103
Emissions Control Equipment Description: Wet Scrubber

Emission Unit vented through this Emission Point: EU103
Emission Unit Description: Dryer
Raw Material/Fuel: Finished Cereal
Rated Capacity: 13.98 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 4319 / PTO 4521
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.01 gr/scf, 0.84 lb/hr, 3.69 tpy
Authority for Requirement: LCPH ATI 4319 / PTO 4521

Pollutant: Particulate Matter
Emission Limit(s): 0.01 gr/scf, 0.84 lb/hr, 3.69 tpy
Authority for Requirement: LCPH ATI 4319 / PTO 4521

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device:
A Ducon Dynamic wet scrubber shall be used to control PM/PM10 emissions. General Mills Operations, Inc. does not recycle the water coming from the scrubber at this time. The control equipment shall be maintained properly and operated at all times while the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Record keeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.
Authority for Requirement: LCPH ATI 4319 / PTO 4521

Operating Limits:

- Water flow rate to the scrubber unit shall be maintained at a minimum of 22 gallons per minute at all times while the unit is in operation.

Authority for Requirement: LCPH ATI 4319 / PTO 4521

Operating Condition Monitoring and Record keeping:

A log of operation shall be maintained for the operation of the above listed unit.

- Daily scrubber fresh water make-up rates
- Weekly drying rate
- Records of all maintenance and repair completed to the scrubber.

Note: *The operation of an audible low water flow alarm system for the scrubber unit can be operated in lieu of daily logging of the water flow rate to the scrubber unit.*

All monitors shall be easily accessible to air pollution personnel. All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and/or their authorized representatives.

Authority for Requirement: LCPH ATI 4319 / PTO 4521

Emission Point Characteristics

Stack Height (feet from ground): 75
Discharge Style: Vertical
Stack Opening (inches in diameter): 32"
Exhaust Temperature (°F): 94.3
Exhaust Flowrate(acfm): 10,328
Authority for Requirement: LCPH ATI 4319 / PTO 4521

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:

The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective

action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Facility operation and maintenance plans must be sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the applicable requirements.

Facility operation and maintenance plans are to be developed by the facility within six (6) months of the issuance date of this permit and the data pertaining to the plan maintained on site for at least 5 years. The plan and associated recordkeeping provides documentation of this facility's implementation of its obligation to operate according to good air pollution control practice.

Good air pollution control practice is achieved by adoption of quality control standards in the operation and maintenance procedures for air pollution control that are comparable to industry quality control standards for the production processes associated with this emission point.

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 104

Associated Equipment

Associated Emission Unit ID Numbers: EU104
Emissions Control Equipment ID Number: CE104
Emissions Control Equipment Description: Wet Scrubber

Emission Unit vented through this Emission Point: EU104
Emission Unit Description: Cookers
Raw Material/Fuel: Wet Dough
Rated Capacity: 10.25 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH 4931 / PTO 0
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.01 gr/scf, 0.89 lb/hr, 3.88 tpy
Authority for Requirement: LCPH ATI 4931 / PTO 0

Pollutant: Particulate Matter
Emission Limit(s): 0.01 gr/scf, 0.89 lb/hr, 3.88 tpy
Authority for Requirement: LCPH ATI 4931 / PTO 0

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device:
A wet scrubber shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Record keeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.
Authority for Requirement: LCPH ATI 4931 / PTO 0

NSPS and NESHAP Applicability:

- New Source Performance Standards do not apply to this source at this time.
- National Emission Standards for Hazardous Air Pollutants do not apply to this source at this time.

Authority for Requirement: LCPH ATI 4931 / PTO 0

Operating Limits:

- Water flow rate to the scrubber unit shall be maintained at a minimum of 15 gallons per minute at all times while the unit is in operation.

Authority for Requirement: LCPH ATI 4931 / PTO 0

Operating Condition Monitoring and Record keeping:

A log of operation shall be maintained for the operation of the above listed unit.

- Daily scrubber fresh water make-up rates
- Weekly process rate
- Records of all maintenance and repair completed to the scrubber.

Note: *The operation of an audible low water flow alarm system for the scrubber unit can be operated in lieu of daily logging of the water flow rate to the scrubber unit.*

All monitors shall be easily accessible to air pollution personnel. All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and/or their authorized representatives.
Authority for Requirement: LCPH ATI 4931 / PTO 0

Emission Point Characteristics

Stack Height (feet from ground): 80
Discharge Style: Vertical, unobstructed
Stack Opening (inches in diameter): 34
Exhaust Temperature (°F): 190
Exhaust Flowrate(scfm): 10,325
Authority for Requirement: LCPH ATI 4931 / PTO 0

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack Testing:

Stack testing completed November 6, 2002, and October 19, 2005. During the October 19, 2005 test, the maximum capacity was increased and the water flow rate to the scrubber was decreased. The results of the test indicate that emissions from this unit remain under the emissions limit even with the increase in capacity and reduced water flow.
Authority for Requirement: LCPH ATI 4931 / PTO 0

Opacity Monitoring:

The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 105

Associated Equipment

Associated Emission Unit ID Numbers: EU105
Emissions Control Equipment ID Number: CE105
Emissions Control Equipment Description: Fabric Filter

Emission Unit vented through this Emission Point: EU105
Emission Unit Description: Product Receiver
Raw Material/Fuel: Dry Ingredients
Rated Capacity: 17.5 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 721 / PTO 4543
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.01 gr/dscf, 0.14 lb/hr
Authority for Requirement: LCPH ATI 721 / PTO 4543

Pollutant: Particulate Matter
Emission Limit(s): 0.01 gr/dscf, 0.14 lb/hr
Authority for Requirement: LCPH ATI 721 / PTO 4543

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device:
A dust collector/baghouse shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution device is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Record keeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.
Authority for Requirement: LCPH ATI 721 / PTO 4543

Operating Condition Monitoring and Record keeping:
A log of operation shall be maintained for the operation of the above listed unit.

- Weekly pressure drop readings
- Weekly process rate
- Records of all maintenance and repair completed to the dust collector/baghouse

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.
Authority for Requirement: LCPH ATI 721 / PTO 4543

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height (feet from ground): 61
Discharge Style: Downward
Stack Opening (inches in diameter): 6
Exhaust Temperature (°F): 105
Exhaust Flowrate (scfm): 1683
Authority for Requirement: LCPH ATI 721 / PTO 4543

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements
The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation

attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Facility operation and maintenance plans must be sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the applicable requirements.

Facility operation and maintenance plans are to be developed by the facility within six(6) months of the issuance date of this permit and the data pertaining to the plan maintained on site for at least 5 years. The plan and associated recordkeeping provides documentation of this facility's implementation of its obligation to operate according to good air pollution control practice.

Good air pollution control practice is achieved by adoption of quality control standards in the operation and maintenance procedures for air pollution control that are comparable to industry quality control standards for the production processes associated with this emission point.

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 107

Associated Equipment

Associated Emission Unit ID Numbers: EU107
Emissions Control Equipment ID Number: CE107
Emissions Control Equipment Description: Scrubber

Emission Unit vented through this Emission Point: EU107
Emission Unit Description: Shaper
Raw Material/Fuel: Wet Dough
Rated Capacity: 3.60 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH 4444 / PTO 4664
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.02 gr/scf, 1.11 lb/hr, 4.88 tpy
Authority for Requirement: LCPH ATI 4444 / PTO 4664

Pollutant: Particulate Matter
Emission Limit(s): 0.02 gr/scf, 1.11 lb/hr, 4.88 tpy
Authority for Requirement: LCPH ATI 4444 / PTO 4664

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device:
A scrubber shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Record keeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.
Authority for Requirement: LCPH ATI 4444 / PTO 4664

NSPS and NESHAP Applicability:

- This emission unit is not subject to the New Source Performance Standards (NSPS).
- This emission unit is not subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP).

Authority for Requirement: LCPH ATI 4444 / PTO 4664

Operating Limits:

- Water flow to the scrubber shall be maintained at a minimum of 12 gallons per minute at all times.

Authority for Requirement: LCPH ATI 4444 / PTO 4664

Operating Condition Monitoring and Record keeping:

A log of operation shall be maintained for the operation of the above listed unit.

- Daily scrubber fresh water make-up rates
- Weekly process rate
- Records of all maintenance and repair completed on the control device.

Note: *The operation of an audible low water flow alarm system for the scrubber unit can be operated in lieu of daily logging of the water flow rate to the scrubber unit.*

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives. Authority for Requirement: LCPH ATI 4444 / PTO 4664

Emission Point Characteristics

Stack Height (feet from ground): 90
Discharge Style: Vertical
Stack Opening (inches in diameter): 24
Exhaust Temperature (°F): 150
Exhaust Flowrate(acfm): 7,500
Authority for Requirement: LCPH ATI 4444 / PTO 4664

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:

The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the

observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Facility operation and maintenance plans must be sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the applicable requirements.

Facility operation and maintenance plans are to be developed by the facility within six(6) months of the issuance date of this permit and the data pertaining to the plan maintained on site for at least 5 years. The plan and associated recordkeeping provides documentation of this facility's implementation of its obligation to operate according to good air pollution control practice.

Good air pollution control practice is achieved by adoption of quality control standards in the operation and maintenance procedures for air pollution control that are comparable to industry quality control standards for the production processes associated with this emission point.

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 108

Associated Equipment

Associated Emission Unit ID Numbers: EU108
Emissions Control Equipment ID Number: CE108
Emissions Control Equipment Description: Scrubber

Emission Unit vented through this Emission Point: EU108
Emission Unit Description: Shaper
Raw Material/Fuel: Wet Dough
Rated Capacity: 3.60 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH 4477 / PTO 4756
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.02 gr/scf, 1.06 lb/hr
Authority for Requirement: LCPH ATI 4477 / PTO 4756

Pollutant: Particulate Matter
Emission Limit(s): 0.02 gr/scf, 1.06 lb/hr
Authority for Requirement: LCPH ATI 4477 / PTO 4756

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device:
A scrubber shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Record keeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.
Authority for Requirement: LCPH ATI 4477 / PTO 4756

NSPS and NESHAP Applicability:

- This emission unit is not subject to the New Source Performance Standards (NSPS).
- This emission unit is not subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP).

Authority for Requirement: LCPH ATI 4477 / PTO 4756

Operating Limits:

- Water flow to the scrubber shall be maintained at a minimum of 11.7 gallons per minute at all times.

Authority for Requirement: LCPH ATI 4477 / PTO 4756

Operating Condition Monitoring and Record keeping:

- Daily scrubber fresh water make-up rates
- Weekly process rate
- Records of all maintenance and repair completed on the control device.

Note: *The operation of an audible alarm system for the scrubber unit may be operated in lieu of daily logging of the water flow rate to the scrubber unit.*

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and/or their authorized representatives.

Authority for Requirement: LCPH ATI 4477 / PTO 4756

Emission Point Characteristics

Stack Height (feet from ground): 90
Discharge Style: Vertical, Unobstructed
Stack Opening (inches in diameter): 24
Exhaust Temperature (°F): 150
Exhaust Flowrate (scfm): 6200
Authority for Requirement: LCPH ATI 4477 / PTO 4756

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:

The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling

operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Facility operation and maintenance plans must be sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the applicable requirements.

Facility operation and maintenance plans are to be developed by the facility within six(6) months of the issuance date of this permit and the data pertaining to the plan maintained on site for at least 5 years. The plan and associated recordkeeping provides documentation of this facility's implementation of its obligation to operate according to good air pollution control practice.

Good air pollution control practice is achieved by adoption of quality control standards in the operation and maintenance procedures for air pollution control that are comparable to industry quality control standards for the production processes associated with this emission point.

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 109

Associated Equipment

Associated Emission Unit ID Numbers: EU109
Emissions Control Equipment ID Number: CE109
Emissions Control Equipment Description: Scrubber

Emission Unit vented through this Emission Point: EU109
Emission Unit Description: Shaper
Raw Material/Fuel: Wet Dough
Rated Capacity: 3.6 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 4544 / PTO 4755
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.02 gr/dscf, 1.06 lb/hr
Authority for Requirement: LCPH ATI 4544 / PTO 4755

Pollutant: Particulate Matter
Emission Limit(s): 0.02 gr/dscf, 1.06 lb/hr
Authority for Requirement: LCPH ATI 4544 / PTO 4755

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device:
A scrubber shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Record keeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.
Authority for Requirement: LCPH ATI 4544 / PTO 4755

NSPS and NESHAP Applicability:

- This emission unit is not subject to the New Source Performance Standards (NSPS).
- This emission unit is not subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP).

Authority for Requirement: LCPH ATI 4544 / PTO 4755

Operating Limits:

- Water flow to the scrubber shall be maintained at minimum of 11.7 gallons per minute at all times.

Authority for Requirement: LCPH ATI 4544 / PTO 4755

Operating Condition Monitoring and Record keeping:

A log of operation shall be maintained for the operation of the above listed unit.

- Daily scrubber fresh water make-up rates
- Weekly process rate
- Records of all maintenance and repair completed on the control device

Note: *The operation of an audible alarm system for the scrubber unit may be operated in lieu of daily logging of the water flow rate to the scrubber unit.*

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

Authority for Requirement: LCPH ATI 4544 / PTO 4755

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

Stack Height (ft, from ground): 90
Discharge Style: Vertical, unobstructed
Stack Opening (inches, diameter): 24
Exhaust Temperature (°F): 150
Exhaust Flowrate (scfm): 6200
Authority for Requirement: LCPH ATI 4544 / PTO 4755

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Facility operation and maintenance plans must be sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the applicable requirements.

Facility operation and maintenance plans are to be developed by the facility within six(6) months of the issuance date of this permit and the data pertaining to the plan maintained on site for at least 5 years. The plan and associated recordkeeping provides documentation of this facility's implementation of its obligation to operate according to good air pollution control practice.

Good air pollution control practice is achieved by adoption of quality control standards in the operation and maintenance procedures for air pollution control that are comparable to industry quality control standards for the production processes associated with this emission point.

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 111

Associated Equipment

Associated Emission Unit ID Numbers: EU111A
Emissions Control Equipment ID Number: CE111
Emissions Control Equipment Description: Wet Scrubber

Emission Unit vented through this Emission Point: EU111A
Emission Unit Description: Dryer
Raw Material/Fuel: Finished Cereal
Rated Capacity: 5.92 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 921 / PTO 4487
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.02 gr/dscf, 0.16 lb/hr, 0.69 tpy
Authority for Requirement: LCPH ATI 921 / PTO 4487

Pollutant: Particulate Matter
Emission Limit(s): 0.02 gr/dscf, 0.16 lb/hr, 0.69 tpy
Authority for Requirement: LCPH ATI 921 / PTO 4487

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device:
A Ducon Dynamic wet scrubber shall be used to control PM/PM10 emissions. The control equipment shall be maintained properly and operated at all times while the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Record keeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.
Authority for Requirement: LCPH ATI 921 / PTO 4487

Operating Limits:

- The maximum operating capacity of this device is:
  Maximum capacity: 11833 lb/hr
  Exhaust airflow rate: 941 acfm @ 86°F
- Water flow rate to the scrubber unit shall be maintained at a minimum of 1 gallon per minute at all times while the unit is in operation.

Authority for Requirement: LCPH ATI 921 / PTO 4487

Operating Condition Monitoring and Record keeping:

A log of operation shall be maintained for the operation of the above listed unit.

- Daily scrubber fresh water make-up rates
- Weekly drying rate
- Records of all maintenance and repair completed to the scrubber

Note: *The operation of an audible low water flow alarm system for the scrubber unit can be operated in lieu of daily logging of the water flow rate to the scrubber unit.*

All monitors shall be easily accessible to air pollution personnel. All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and/or their authorized representatives.
Authority for Requirement: LCPH ATI 921 / PTO 4487

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

Stack Height (feet from ground): 82
Discharge Style: Vertical
Stack Opening (inches in diameter): 12
Exhaust Temperature (°F): 86
Exhaust Flowrate (acfm): 941
Authority for Requirement: LCPH ATI 921 / PTO 4487

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Facility operation and maintenance plans must be sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the applicable requirements.

Facility operation and maintenance plans are to be developed by the facility within six(6) months of the issuance date of this permit and the data pertaining to the plan maintained on site for at least 5 years. The plan and associated recordkeeping provides documentation of this facility's implementation of its obligation to operate according to good air pollution control practice.

Good air pollution control practice is achieved by adoption of quality control standards in the operation and maintenance procedures for air pollution control that are comparable to industry quality control standards for the production processes associated with this emission point.

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 112

Associated Equipment

Associated Emission Unit ID Numbers: EU112
Emissions Control Equipment ID Number: CE112
Emissions Control Equipment Description: Wet Scrubber

Emission Unit vented through this Emission Point: EU112
Emission Unit Description: Dryer
Raw Material/Fuel: Wet Dough
Rated Capacity: 5.07 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 922 / PTO 4488
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.02 gr/dscf, 0.75 lb/hr, 3.29 tpy
Authority for Requirement: LCPH ATI 922 / PTO 4488

Pollutant: Particulate Matter
Emission Limit(s): 0.02 gr/dscf, 0.75 lb/hr, 3.29 tpy
Authority for Requirement: LCPH ATI 922 / PTO 4488

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device:
A Ducon wet scrubber shall be used to control PM/PM10 emissions. The control equipment shall be maintained properly and operated at all times while the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Record keeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.
Authority for Requirement: LCPH ATI 922 / PTO 4488

Operating Limits:

- The maximum operating capacity of this device is:
  Maximum capacity: 10,140 lb/hr
- Exhaust Airflow Rate: 5045 acfm @ 148°F
- Water flow rate to the scrubber unit shall be maintained at a minimum of 12 gallon per minute at all times while the unit is in operation.

Authority for Requirement: LCPH ATI 922 / PTO 4488

Operating Condition Monitoring and Record keeping:

A log of operation shall be maintained for the operation of the above listed unit.

- Daily scrubber fresh water make-up rates
- Weekly drying rate
- Records of all maintenance and repair completed to the scrubber

Note: *The operation of the audible low water flow alarm system for the scrubber unit can be operated in lieu of daily logging of the water flow rate to the scrubber unit.*

All monitors shall be easily accessible to air pollution personnel. All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and/or their authorized representatives.

Authority for Requirement: LCPH ATI 922 / PTO 4488

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

Stack Height (feet from ground): 96
Discharge Style: Vertical
Stack Opening (inches in diameter): 19.5
Exhaust Temperature (°F): 148
Exhaust Flowrate (acfm): 5045
Authority for Requirement: LCPH ATI 922 / PTO 4488

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 113

Associated Equipment

Associated Emission Unit ID Numbers: EU113
Emissions Control Equipment ID Number: CE113
Emissions Control Equipment Description: Fabric Filter

Emission Unit vented through this Emission Point: EU113
Emission Unit Description: Extruder
Raw Material/Fuel: Dry Dough
Rated Capacity: 4.95 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 923 / PTO 4489
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.01 gr/dscf, 0.28 lb/hr, 1.22 tpy
Authority for Requirement: LCPH ATI 923 / PTO 4489

Pollutant: Particulate Matter
Emission Limit(s): 0.01 gr/dscf, 0.28 lb/hr, 1.22 tpy
Authority for Requirement: LCPH ATI 923 / PTO 4489

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device:
A Flex-Kleen (58CT38IIIG) baghouse shall be used to control PM/PM10 emissions. The control equipment shall be maintained properly and operated at all times while the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Record keeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.
Authority for Requirement: LCPH ATI 923 / PTO 4489

Operating Limits:
The maximum operating capacity of this device is:

- Maximum capacity: 9906 lb/hr
- Exhaust airflow rate: 3500 acfm at 113°F

Authority for Requirement: LCPH ATI 923 / PTO 4489

Operating Condition Monitoring and Record keeping:
A log of operation shall be maintained for the operation of the above listed unit.

- Weekly pressure drop readings
- Records of all maintenance and repair completed to the baghouse/dust collector

All monitors shall be easily accessible to air pollution personnel. All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and/or their authorized representatives.
Authority for Requirement: LCPH ATI 923 / PTO 4489

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height (feet from ground): 85
Discharge Style: Vertical
Stack Opening (inches in diameter): 12
Exhaust Temperature (°F): 113
Exhaust Flowrate (acfm): 3500
Authority for Requirement: LCPH ATI 923 / PTO 4489

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements
The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Facility operation and maintenance plans must be sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the applicable requirements.

Facility operation and maintenance plans are to be developed by the facility within six(6) months of the issuance date of this permit and the data pertaining to the plan maintained on site for at least 5 years. The plan and associated recordkeeping provides documentation of this facility's implementation of its obligation to operate according to good air pollution control practice.

Good air pollution control practice is achieved by adoption of quality control standards in the operation and maintenance procedures for air pollution control that are comparable to industry quality control standards for the production processes associated with this emission point.

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 114

Associated Equipment

Associated Emission Unit ID Numbers: EU114A

Emission Unit vented through this Emission Point: EU114A
Emission Unit Description: Dryer
Raw Material/Fuel: Dry Dough
Rated Capacity: 4.95 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 924 / PTO 4490
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.02 gr/dscf, 0.40 lb/hr, 1.75 tpy
Authority for Requirement: LCPH ATI 924 / PTO 4490

Pollutant: Particulate Matter
Emission Limit(s): 0.02 gr/dscf, 0.40 lb/hr, 1.75 tpy
Authority for Requirement: LCPH ATI 924 / PTO 4490

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Limits:
The maximum operating capacity of this device is:
- Maximum capacity: 9906 lb/hr
- Exhaust airflow rate: 2685 acfm @ 145°F

Authority for Requirement: LCPH ATI 924 / PTO 4490

Operating Condition Monitoring and Record keeping:
A log of operation shall be maintained for the operation of the above listed unit.
- Weekly drying rate

All monitors shall be easily accessible to air pollution personnel. All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection

by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and/or their authorized representatives.
Authority for Requirement: LCPH ATI 924 / PTO 4490

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height (feet from ground): 83
Discharge Style: Vertical
Stack Opening (inches in diameter): 17
Exhaust Temperature (°F): 145
Exhaust Flowrate (acfm): 2685
Authority for Requirement: LCPH ATI 924 / PTO 4490

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements
The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 115

Associated Equipment

Associated Emission Unit ID Numbers: EU114B

Emission Unit vented through this Emission Point: EU114B
Emission Unit Description: Dryer
Raw Material/Fuel: Dry Dough
Rated Capacity: 4.95 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 925 / PTO 4491
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.02 gr/dscf, 0.52 lb/hr, 2.28 tpy
Authority for Requirement: LCPH ATI 925 / PTO 4491

Pollutant: Particulate Matter
Emission Limit(s): 0.02 gr/dscf, 0.52 lb/hr, 2.28 tpy
Authority for Requirement: LCPH ATI 925 / PTO 4491

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Limits:
The maximum operating capacity of this device is:
- Maximum capacity: 9906 lb/hr
- Exhaust airflow rate: 3400 acfm @ 135°F

Authority for Requirement: LCPH ATI 925 / PTO 4491

Operating Condition Monitoring and Record keeping:
A log of operation shall be maintained for the operation of the above listed unit.
- Weekly drying rate
- Records of all maintenance and repair completed to the scrubber

All monitors shall be easily accessible to air pollution personnel. All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and/or their authorized representatives.
Authority for Requirement: LCPH ATI 925 / PTO 4491

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height (feet from ground): 83
Discharge Style: Vertical
Stack Opening (inches in diameter): 19
Exhaust Temperature (°F): 135
Exhaust Flowrate (acfm): 3400
Authority for Requirement: LCPH ATI 925 / PTO 4491

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements
The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 119

Associated Equipment

Associated Emission Unit ID Numbers: EU119
Emissions Control Equipment ID Number: CE119
Emissions Control Equipment Description: Wet Scrubber

Emission Unit vented through this Emission Point: EU119
Emission Unit Description: Slurry
Raw Material/Fuel: Sweeteners
Rated Capacity: 0.73 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 929 / PTO 4492
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.02 gr/dscf, 0.08 lb/hr, 0.36 tpy
Authority for Requirement: LCPH ATI 929 / PTO 4492

Pollutant: Particulate Matter
Emission Limit(s): 0.02 gr/dscf, 0.08 lb/hr, 0.36 tpy
Authority for Requirement: LCPH ATI 929 / PTO 4492

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device:
A wet scrubber (Ducon Scrubber; Size 15) shall be used to control PM/PM10 emissions. The control equipment shall be maintained properly and operated at all times while the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Record keeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.
Authority for Requirement: LCPH ATI 929 / PTO 4492

Operating Limits:
The maximum operating capacity of this device is:

- Maximum capacity: 1461 lb/hr
- Exhaust airflow rate: 486 acfm @ 80°F
- Water flow rate to the scrubber unit shall be maintained at a minimum of 1.3 gallon per minute at all times while the unit is in operation.

Authority for Requirement: LCPH ATI 929 / PTO 4492

Operating Condition Monitoring and Record keeping:
A log of operation shall be maintained for the operation of the above listed unit.

- Daily scrubber fresh water make-up rates
- Weekly process rate
- Records of all maintenance and repair completed to the scrubber

Note: *The operation of an audible low water flow alarm system for the scrubber unit can be operated in lieu of daily logging of the water flow rate to the scrubber unit.*
All monitors shall be easily accessible to air pollution personnel. All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and/or their authorized representatives.
Authority for Requirement: LCPH ATI 929 / PTO 4492

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height (feet from ground): 60
Discharge Style: Vertical
Stack Opening (inches in diameter): 8
Exhaust Temperature (°F): 80
Exhaust Flowrate (acfm): 486
Authority for Requirement: LCPH ATI 929 / PTO 4492

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements
The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 120

Associated Equipment

Associated Emission Unit ID Numbers: EU111B
Emissions Control Equipment ID Number: CE120
Emissions Control Equipment Description: Wet Scrubber

Emission Unit vented through this Emission Point: EU111B
Emission Unit Description: Dryer
Raw Material/Fuel: Finished Cereal
Rated Capacity: 5.92 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 930 / PTO 4493
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.02 gr/dscf, 0.75 lb/hr, 3.29 tpy
Authority for Requirement: LCPH ATI 930 / PTO 4493

Pollutant: Particulate Matter
Emission Limit(s): 0.02 gr/dscf, 0.75 lb/hr, 3.29 tpy
Authority for Requirement: LCPH ATI 930 / PTO 4493

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device:
A Ducon scrubber shall be used to control PM/PM10 emissions. The control equipment shall be maintained properly and operated at all times while the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Record keeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.
Authority for Requirement: LCPH ATI 930 / PTO 4493

Operating Limits:
The maximum operating capacity of this device is:

- Maximum capacity: 11833 lb/hr
- Water flow rate to the scrubber unit shall be maintained at a minimum of 12 gallon per minute at all times while the unit is in operation.

Authority for Requirement: LCPH ATI 930 / PTO 4493

Operating Condition Monitoring and Record keeping:
A log of operation shall be maintained for the operation of the above listed unit.

- Daily scrubber fresh water make-up rates
- Weekly drying rate
- Records of all maintenance and repair completed to the scrubber

Note: *The operation of an audible low water flow alarm system for the scrubber unit can be operated in lieu of daily logging of the water flow rate to the scrubber unit.*
All monitors shall be easily accessible to air pollution personnel. All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and/or their authorized representatives.
Authority for Requirement: LCPH ATI 930 / PTO 4493

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height (feet from ground): 82
Discharge Style: Vertical
Stack Opening (inches in diameter): 20
Exhaust Temperature (°F): 148
Exhaust Flowrate (acfm): 5045
Authority for Requirement: LCPH ATI 930 / PTO 4493

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements
The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Facility operation and maintenance plans must be sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the applicable requirements.

Facility operation and maintenance plans are to be developed by the facility within six(6) months of the issuance date of this permit and the data pertaining to the plan maintained on site for at least 5 years. The plan and associated recordkeeping provides documentation of this facility's implementation of its obligation to operate according to good air pollution control practice.

Good air pollution control practice is achieved by adoption of quality control standards in the operation and maintenance procedures for air pollution control that are comparable to industry quality control standards for the production processes associated with this emission point.

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 125

Associated Equipment

Associated Emission Unit ID Numbers: EU125
Emissions Control Equipment ID Number: CE125
Emissions Control Equipment Description: Wet Scrubber

Emission Unit vented through this Emission Point: EU125
Emission Unit Description: Slurry
Raw Material/Fuel: Sweeteners
Rated Capacity: 6.66 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH 4329 / PTO 4523
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.01 gr/scf, 0.12 lb/hr, 0.54 tpy
Authority for Requirement: LCPH ATI 4329 / PTO 4523

Pollutant: Particulate Matter
Emission Limit(s): 0.01 gr/scf, 0.12 lb/hr, 0.54 tpy
Authority for Requirement: LCPH ATI 4329 / PTO 4523

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device:
A Clean Gas scrubber (Dynascrub-1; Size 24) shall be used to control PM/PM10 emissions. General Mills Operations, Inc. does not recycle the water coming from the scrubber at this time. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Record keeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.
Authority for Requirement: LCPH ATI 4329 / PTO 4523

Operating Limits:

- Water flow rate to the scrubber unit shall be maintained at a minimum of 3 gallons per minute at all times while the unit is in operation.

Authority for Requirement: LCPH ATI 4329 / PTO 4523

Operating Condition Monitoring and Record keeping:

A log of operation shall be maintained for the operation of the above listed unit.

- Daily scrubber fresh water make-up rates
- Weekly process rate
- Records of all maintenance and repair completed to the scrubber

Note: *The operation of an audible low water flow alarm system for the scrubber unit can be operated in lieu of daily logging of the water flow rate to the scrubber unit.*

All monitors shall be easily accessible to air pollution personnel. All records required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and/or their authorized representatives.

Authority for Requirement: LCPH ATI 4329 / PTO 4523

Emission Point Characteristics

Stack Height (feet from ground): 72
Discharge Style: Vertical
Stack Opening (inches in diameter): 16
Exhaust Temperature (°F): 90
Exhaust Flowrate(acfm): 1,500
Authority for Requirement: LCPH ATI 4329 / PTO 4523

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:

The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective

action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 130

Associated Equipment

Associated Emission Unit ID Numbers: EU130
Emissions Control Equipment ID Number: CE130
Emissions Control Equipment Description: Wet Scrubber

Emission Unit vented through this Emission Point: EU130
Emission Unit Description: Dryer
Raw Material/Fuel: Finished Cereal
Rated Capacity: 7.9 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 2063 / PTO 4558
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.01 gr/dscf, 1.30 lb/hr
Authority for Requirement: LCPH ATI 2063 / PTO 4558

Pollutant: Particulate Matter
Emission Limit(s): 0.01 gr/dscf, 1.30 lb/hr
Authority for Requirement: LCPH ATI 2063 / PTO 4558

Operational Limits & Requirements:
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Limits:
- Scrubber water flow to Zone #1 shall be maintained at a minimum of 9.5 gallons per minute
- Scrubber water flow to Zone #2 shall be maintained at a minimum of 21 gallons per minute

Authority for Requirement: LCPH ATI 2063 / PTO 4558

Operating Condition Monitoring and Record keeping:
A log of operation shall be maintained for the operation of the above listed unit.

- Daily scrubber fresh water rate for each zone
- Weekly drying rate
- Records of all maintenance and repair completed to the scrubber

Note: *The operation of an audible low water flow alarm system for the scrubber unit can be operated in lieu of daily logging of the water flow rate to the scrubber unit.*
All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.
Authority for Requirement: LCPH ATI 2063 / PTO 4558

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height (feet, from ground): 86
Discharge Style: Vertical, unobstructed
Stack Opening (inches, diameter): 30
Exhaust Temperature (°F): 105
Exhaust Flowrate (scfm): 15,209
Authority for Requirement: LCPH ATI 2063 / PTO 4558

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements
The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer

shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Facility operation and maintenance plans must be sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the applicable requirements.

Facility operation and maintenance plans are to be developed by the facility within six(6) months of the issuance date of this permit and the data pertaining to the plan maintained on site for at least 5 years. The plan and associated recordkeeping provides documentation of this facility's implementation of its obligation to operate according to good air pollution control practice.

Good air pollution control practice is achieved by adoption of quality control standards in the operation and maintenance procedures for air pollution control that are comparable to industry quality control standards for the production processes associated with this emission point.

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 132

Associated Equipment

Associated Emission Unit ID Numbers: EU132A, EU132B

Emission Unit vented through this Emission Point: EU132A, EU132B
Emission Unit Description: Gas Fired Preheater
Raw Material/Fuel: Natural Gas, Propane
Rated Capacity: 0.80 MMBtu/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 2066 / PTO 4600
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.007 lb/hr, 0.03 tpy
Authority for Requirement: LCPH ATI 2066 / PTO 4600

Pollutant: Particulate Matter
Emission Limit(s): 0.007 lb/hr, 0.03 tpy
Authority for Requirement: LCPH ATI 2066 / PTO 4600

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 0.0007 lb/hr, 0.003 tpy
Authority for Requirement: LCPH ATI 2066 / PTO 4600

Pollutant: Nitrogen Oxides (NO_x)
Emission Limit(s): 235 tpy
Authority for Requirement: LCPH ATI 2066 / PTO 4600
See Plant-Wide Conditions for Plant-Wide NO_x limit.

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

See Plant-Wide Conditions section for Facility Operating Limits, Record keeping Requirements and Reporting Requirements that apply to this emission point.

Emission Point Characteristics
This emission point shall conform to the specifications listed below.

Stack Height (ft, from ground): 82
Discharge Style: Vertical, Unobstructed
Stack Opening (inches, diameter): 10
Exhaust Temperature (°F): 450
Exhaust Flowrate (scfm): 99
Authority for Requirement: LCPH ATI 2066 / PTO 4600

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements
The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 133

Associated Equipment

Associated Emission Unit ID Numbers: EU133

Emission Unit vented through this Emission Point: EU133
Emission Unit Description: Cooker
Raw Material/Fuel: Wet Dough
Rated Capacity: 4.30 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 2068 / PTO 4563
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.02 gr/dscf, 0.80 lb/hr
Authority for Requirement: LCPH ATI 2068 / PTO 4563

Pollutant: Particulate Matter
Emission Limit(s): 0.02 gr/dscf, 0.80 lb/hr
Authority for Requirement: LCPH ATI 2068 / PTO 4563

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Condition Monitoring and Record keeping:
A log of operation shall be maintained for the operation of the above listed unit.

- Weekly process rate

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.
Authority for Requirement: LCPHAT I 2068 / PTO 4563

Emission Point Characteristics
This emission point shall conform to the specifications listed below.

Stack Height (feet, from ground): 97
Discharge Style: Vertical, unobstructed
Stack Opening (inches, diameter): 16
Exhaust Temperature (°F): 105
Exhaust Flowrate (scfm): 4675
Authority for Requirement: LCPH ATI 2068 / PTO 4563

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements
The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 134

Associated Equipment

Associated Emission Unit ID Numbers: EU134
Emissions Control Equipment ID Number: CE134
Emissions Control Equipment Description: Wet Scrubber

Emission Unit vented through this Emission Point: EU134
Emission Unit Description: Dryer
Raw Material/Fuel: Wet Dough
Rated Capacity: 5.76 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 2065 / PTO 4653
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.01 gr/dscf, 0.63 lb/hr, 2.74 tpy
Authority for Requirement: LCPH ATI 2065 / PTO 4653

Pollutant: Particulate Matter
Emission Limit(s): 0.01 gr/dscf, 0.63 lb/hr, 2.74 tpy
Authority for Requirement: LCPH ATI 2065 / PTO 4653

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device:
A scrubber shall be used to control PM/PM10 emissions. The control equipment shall be maintained properly and operated at all times while the air pollution source is in operation.
All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.
Authority for Requirement: LCPH ATI 2065 / PTO 4653

Operating Limits:

- Water flow rate to the scrubber unit shall be maintained at a minimum of 16 gallon per minute at all times while the unit is in operation.

Authority for Requirement: LCPH ATI 2065 / PTO 4653

Operating Condition Monitoring and Recordkeeping:

A log of operation shall be maintained for the operation of the above listed unit.

- Daily scrubber fresh water make-up rates
- Weekly drying rate
- Records of all maintenance and repair completed to the scrubber

Note: *The operation of an audible low water flow alarm system for the scrubber unit may be operated in lieu of daily logging of the water flow rate to the scrubber unit.*

All monitors shall be easily accessible to air pollution personnel. All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and/or their authorized representatives.

Authority for Requirement: LCPH ATI 2065 / PTO 4653

Emission Point Characteristics

This emission point shall conform to the specifications listed below.

Stack Height (feet, from ground): 67
Discharge Style: Vertical
Stack Opening (inches, diameter): 36
Exhaust Temperature (°F): 135
Exhaust Flowrate (scfm): 8249
Authority for Requirement: LCPH ATI 2065 / PTO 4653

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 135

Associated Equipment

Associated Emission Unit ID Numbers: EU135
Emissions Control Equipment ID Number: CE135
Emissions Control Equipment Description: Scrubber

Emission Unit vented through this Emission Point: EU135
Emission Unit Description: Shaper
Raw Material/Fuel: Wet Dough
Rated Capacity: 3.6 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 4546 / PTO 4757
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.02 gr/dscf, 1.06 lb/hr
Authority for Requirement: LCPH ATI 4546 / PTO 4757

Pollutant: Particulate Matter
Emission Limit(s): 0.02 gr/dscf, 1.06 lb/hr
Authority for Requirement: LCPH ATI 4546 / PTO 4757

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device:
A scrubber shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Record keeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.
Authority for Requirement: LCPH ATI 4546 / PTO 4757

NSPS and NESHAP Applicability:

- This emission unit is not subject to the New Source Performance Standards (NSPS).
- This emission unit is not subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP).

Authority for Requirement: LCPH ATI 4546 / PTO 4757

Operating Limits:

- Water flow to the scrubber shall be maintained at a minimum of 11.7 gallons per minute at all times.

Authority for Requirement: LCPH ATI 4546 / PTO 4757

Operating Condition Monitoring and Record keeping:

A log of operation shall be maintained for the operation of the above listed unit.

- Daily scrubber fresh water make-up rates
- Weekly process rate
- Records of all maintenance and repair completed on the control device

Note: *The operation of an audible alarm system for the scrubber unit may be operated in lieu of daily logging of the water flow rate to the scrubber unit.*

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.
Authority for Requirement: LCPH ATI 4546 / PTO 4757

Emission Point Characteristics

This emission point shall conform to the specifications listed below.

Stack Height (ft, from ground): 90
Discharge Style: Vertical, unobstructed
Stack Opening (inches, diameter): 24
Exhaust Temperature (°F): 150
Exhaust Flowrate (scfm): 6200
Authority for Requirement: LCPH ATI 4546 / PTO 4757

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Facility operation and maintenance plans must be sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the applicable requirements.

Facility operation and maintenance plans are to be developed by the facility within six(6) months of the issuance date of this permit and the data pertaining to the plan maintained on site for at least 5 years. The plan and associated recordkeeping provides documentation of this facility's implementation of its obligation to operate according to good air pollution control practice.

Good air pollution control practice is achieved by adoption of quality control standards in the operation and maintenance procedures for air pollution control that are comparable to industry quality control standards for the production processes associated with this emission point.

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 136

Associated Equipment

Associated Emission Unit ID Numbers: EU136

Emission Unit vented through this Emission Point: EU136
Emission Unit Description: Cooker
Raw Material/Fuel: Wet Dough
Rated Capacity: 4.30 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 2313 / PTO 4555
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.02 gr/dscf, 0.8 lb/hr
Authority for Requirement: LCPH ATI 2313 / PTO 4555

Pollutant: Particulate Matter
Emission Limit(s): 0.02 gr/dscf, 0.80 lb/hr
Authority for Requirement: LCPH ATI 2313 / PTO 4555

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Condition Monitoring and Record keeping:
A log of operation shall be maintained for the operation of the above listed unit.

- Weekly process rate

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.
Authority for Requirement: LCPH ATI 2313 / PTO 4555

Emission Point Characteristics
This emission point shall conform to the specifications listed below.

Stack Height (feet, from ground): 97
Discharge Style: Vertical
Stack Opening (inches, diameter): 16
Exhaust Temperature (°F): 105
Exhaust Flowrate (scfm): 4675
Authority for Requirement: LCPH ATI 2313 / PTO 4555

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements
The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack Testing:

Pollutant – Particulate Matter (PM)

1st Stack Test to be Completed by – within 60 days after achieving maximum production rate and no later than one hundred eight (180) days after the initial startup date of the equipment

Test Method – Iowa Compliance Sampling Manual

Authority for Requirement – LCPH ATI 2313 / PTO 4555

The owner of this equipment or the owner's authorized agent shall provide written notice to the Director, not less than 30 days before a required stack test or performance evaluation of a continuous emission monitor. Results of the test shall be submitted in writing to the Director in the form of a comprehensive report within 6 weeks of the completion of the testing. 567 IAC 25.1(7)

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to

retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 137

Associated Equipment

Associated Emission Unit ID Numbers: EU137
Emissions Control Equipment ID Number: CE137
Emissions Control Equipment Description: Wet Scrubber

Emission Unit vented through this Emission Point: EU137
Emission Unit Description: Dryer
Raw Material/Fuel: Wet Dough
Rated Capacity: 5.75 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 2312 / PTO 4654
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.01 gr/dscf, 0.61 lb/hr, 2.65 tpy
Authority for Requirement: LCPH ATI 2312 / PTO 4654

Pollutant: Particulate Matter
Emission Limit(s): 0.01 gr/dscf, 0.61 lb/hr, 2.65 tpy
Authority for Requirement: LCPH ATI 2312 / PTO 4654

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device:
A scrubber shall be used to control PM/PM10 emissions. The control equipment shall be maintained properly and operated at all times while the air pollution source is in operation. All probes, monitors, and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.
Authority for Requirement: LCPH ATI 2312 / PTO 4654

Operating Limits:

- Water flow rate to the scrubber unit shall be maintained at a minimum of 16 gallon per minute at all times while the unit is in operation.

Authority for Requirement: LCPH ATI 2312 / PTO 4654

Operating Condition Monitoring and Recordkeeping:

A log of operation shall be maintained for the operation of the above listed unit.

- Daily scrubber fresh water make-up rates
- Weekly drying rate
- Records of all maintenance and repair completed to the scrubber

Note: *The operation of an audible low water flow alarm system for the scrubber unit may be operated in lieu of daily logging of the water flow rate to the scrubber unit.*

All monitors shall be easily accessible to air pollution personnel. All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and/or their authorized representatives.

Authority for Requirement: LCPH ATI 2312 / PTO 4654

Emission Point Characteristics

This emission point shall conform to the specifications listed below.

Stack Height (feet, from ground): 97
Discharge Style: Vertical
Stack Opening (inches, diameter): 42
Exhaust Temperature (°F): 158
Exhaust Flowrate (scfm): 8249
Authority for Requirement: LCPH ATI 2312 / PTO 4654

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Facility operation and maintenance plans must be sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the applicable requirements.

Facility operation and maintenance plans are to be developed by the facility within six(6) months of the issuance date of this permit and the data pertaining to the plan maintained on site for at least 5 years. The plan and associated recordkeeping provides documentation of this facility's implementation of its obligation to operate according to good air pollution control practice.

Good air pollution control practice is achieved by adoption of quality control standards in the operation and maintenance procedures for air pollution control that are comparable to industry quality control standards for the production processes associated with this emission point.

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 138

Associated Equipment

Associated Emission Unit ID Numbers: EU138
Emissions Control Equipment ID Number: CE138
Emissions Control Equipment Description: Wet Scrubber

Emission Unit vented through this Emission Point: EU138
Emission Unit Description: Dryer
Raw Material/Fuel: Wet Dough
Rated Capacity: 7.6 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 2314 / PTO 4655
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.026 gr/dscf, 0.52 lb/hr
Authority for Requirement: LCPH ATI 2314 / PTO 4655

Pollutant: Particulate Matter
Emission Limit(s): 0.026 gr/dscf, 0.52 lb/hr
Authority for Requirement: LCPH ATI 2314 / PTO 4655

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device:
A scrubber shall be used to control PM/PM10 emissions. The control equipment shall be maintained properly and operated at all times while the air pollution source is in operation. All probes, monitors, and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.
Authority for Requirement: LCPH ATI 2314 / PTO 4655

Operating Limits:

- Water flow rate to the scrubber unit shall be maintained at a minimum of 5.0 gallon per minute at all times while the unit is in operation.

Authority for Requirement: LCPH ATI 2314 / PTO 4655

Operating Condition Monitoring and Recordkeeping:

A log of operation shall be maintained for the operation of the above listed unit.

- Daily scrubber fresh water make-up rates
- Weekly drying rate
- Records of all maintenance and repair completed to the scrubber

Note: *The operation of an audible low water flow alarm system for the scrubber unit may be operated in lieu of daily logging of the water flow rate to the scrubber unit.*

All monitors shall be easily accessible to air pollution personnel. All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and/or their authorized representatives.

Authority for Requirement: LCPH ATI 2314 / PTO 4655

Emission Point Characteristics

This emission point shall conform to the specifications listed below.

Stack Height (feet, from ground): 97
Discharge Style: Vertical
Stack Opening (inches, diameter): 23
Exhaust Temperature (°F): 90
Exhaust Flowrate (acfm): 2430
Authority for Requirement: LCPH ATI 2314 / PTO 4655

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing:

Pollutant – Particulate Matter
1st Stack Test to be Completed by – October 1, 2006
Test Method – Method 201A with 202 (40 CFR 51) or approved alternative
Authority for Requirement – 567 IAC 22.108(3)

The owner of this equipment or the owner's authorized agent shall provide written notice to the Director, not less than 30 days before a required stack test or performance evaluation of a

continuous emission monitor. Results of the test shall be submitted in writing to the Director in the form of a comprehensive report within 6 weeks of the completion of the testing. 567 IAC 25.1(7).

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Facility operation and maintenance plans must be sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the applicable requirements.

Facility operation and maintenance plans are to be developed by the facility within six(6) months of the issuance date of this permit and the data pertaining to the plan maintained on site for at least 5 years. The plan and associated recordkeeping provides documentation of this facility's implementation of its obligation to operate according to good air pollution control practice.

Good air pollution control practice is achieved by adoption of quality control standards in the operation and maintenance procedures for air pollution control that are comparable to industry quality control standards for the production processes associated with this emission point.

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 139

Associated Equipment

Associated Emission Unit ID Numbers: EU139A, EU139B

Emission Unit vented through this Emission Point: EU139A, EU139B
Emission Unit Description: Gas Fired Preheater
Raw Material/Fuel: Natural Gas, Propane
Rated Capacity: 0.80 MMBtu/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 2317 / PTO 4601
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.007 lb/hr, 0.03 tpy
Authority for Requirement: LCPH ATI 2317 / PTO 4601

Pollutant: Particulate Matter
Emission Limit(s): 0.007 lb/hr, 0.03 tpy
Authority for Requirement: LCPH ATI 2317 / PTO 4601

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 0.0007 lb/hr, 0.003 tpy
Authority for Requirement: LCPH ATI 2317 / PTO 4601

Pollutant: Nitrogen Oxides (NO_x)
Emission Limit(s): 235 tpy
Authority for Requirement: LCPH ATI 2317 / PTO 4601
See Plant-Wide Conditions for Plant-Wide NO_x limit.

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

See Plant-Wide Conditions section for Facility Operating Limits, Record keeping Requirements and Reporting Requirements that apply to this emission point.

Emission Point Characteristics
This emission point shall conform to the specifications listed below.

Stack Height (ft, from ground): 99
Discharge Style: Vertical, Unobstructed
Stack Opening (inches, diameter): 10
Exhaust Temperature (°F): 450
Exhaust Flowrate (scfm): 99
Authority for Requirement: LCPH ATI 2317 / PTO 4601

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements
The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 140

Associated Equipment

Associated Emission Unit ID Numbers: EU140A, EU140B

Emission Unit vented through this Emission Point: EU140A, EU140B
Emission Unit Description: Gas-Fired Preheater
Raw Material/Fuel: Natural Gas, Propane
Rated Capacity: 0.80 MMBtu/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 2316 / PTO 4602
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.007 lb/hr, 0.03 tpy
Authority for Requirement: LCPH ATI 2316 / PTO 4602

Pollutant: Particulate Matter
Emission Limit(s): 0.007 lb/hr, 0.03 tpy
Authority for Requirement: LCPH ATI 2316 / PTO 4602

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 0.0007 lb/hr, 0.003 tpy
Authority for Requirement: LCPH ATI 2316 / PTO 4602

Pollutant: Nitrogen Oxides (NO_x)
Emission Limit(s): 235 tpy
Authority for Requirement: LCPH ATI 2316 / PTO 4602
See Plant-Wide Conditions for Plant-Wide NO_x limit.

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

See Plant-Wide Conditions section for Facility Operating Limits, Record keeping Requirements and Reporting Requirements that apply to this emission point.

Emission Point Characteristics
This emission point shall conform to the specifications listed below.

Stack Height (ft, from ground): 99
Discharge Style: Vertical, Unobstructed
Stack Opening (inches, diameter): 10
Exhaust Temperature (°F): 450
Exhaust Flowrate (scfm): 99
Authority for Requirement: LCPH ATI 2316 / PTO 4602

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements
The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 141

Associated Equipment

Associated Emission Unit ID Numbers: EU141A, EU141B

Emission Unit vented through this Emission Point: EU141A, EU141B
Emission Unit Description: Gas-Fired Preheater
Raw Material/Fuel: Natural Gas, Propane
Rated Capacity: 0.80 MMBtu/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 2324 / PTO 4603
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.007 lb/hr, 0.03 tpy
Authority for Requirement: LCPH ATI 2324 / PTO 4603

Pollutant: Particulate Matter
Emission Limit(s): 0.007 lb/hr, 0.03 tpy
Authority for Requirement: LCPH ATI 2324 / PTO 4603

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 0.0007 lb/hr, 0.003 tpy
Authority for Requirement: LCPH ATI 2324 / PTO 4603

Pollutant: Nitrogen Oxides (NO_x)
Emission Limit(s): 235 tpy
Authority for Requirement: LCPH ATI 2324 / PTO 4603
See Plant-Wide Conditions for Plant-Wide NO_x limit.

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

See Plant-Wide Conditions section for Facility Operating Limits, Record keeping Requirements and Reporting Requirements that apply to this emission point.

Emission Point Characteristics
This emission point shall conform to the specifications listed below.

Stack Height (ft, from ground): 99
Discharge Style: Vertical, Unobstructed
Stack Opening (inches, diameter): 10
Exhaust Temperature (°F): 450
Exhaust Flowrate (scfm): 99
Authority for Requirement: LCPH ATI 2324 / PTO 4603

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements
The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 145

Associated Equipment

Associated Emission Unit ID Numbers: EU145
Emissions Control Equipment ID Number: CE145
Emissions Control Equipment Description: Scrubber

Emission Unit vented through this Emission Point: EU145
Emission Unit Description: Shaper
Raw Material/Fuel: Wet Dough
Rated Capacity: 3.6 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 4478 / PTO 4758
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.02 gr/dscf, 1.06 lb/hr
Authority for Requirement: LCPH ATI 4478 / PTO 4758

Pollutant: Particulate Matter
Emission Limit(s): 0.02 gr/dscf, 1.06 lb/hr
Authority for Requirement: LCPH ATI 4478 / PTO 4758

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device:
A scrubber shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Record keeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.
Authority for Requirement: LCPH ATI 4478 / PTO 4758

NSPS and NESHAP Applicability:

- This emission unit is not subject to the New Source Performance Standards (NSPS).
- This emission unit is not subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP).

Authority for Requirement: LCPH ATI 4478 / PTO 4758

Operating Limits:

- Water flow to the scrubber shall be maintained at a minimum of 11.7 gallons per minute at all times.

Authority for Requirement: LCPH ATI 4478 / PTO 4758

Operating Condition Monitoring and Record keeping:

A log of operation shall be maintained for the operation of the above listed unit.

- Daily scrubber fresh water make-up rates
- Weekly process rate
- Records of all maintenance and repair completed on the control device

Note: *The operation of an audible alarm system for the scrubber unit may be operated in lieu of daily logging of the water flow rate to the scrubber unit.*

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.
Authority for Requirement: LCPH ATI 4478 / PTO 4758

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

Stack Height (feet, from ground): 90
Discharge Style: Vertical, Unobstructed
Stack Opening (inches, diameter): 24
Exhaust Temperature (°F): 150
Exhaust Flowrate (scfm): 6200
Authority for Requirement: LCPH ATI 4478 / PTO 4758

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Facility operation and maintenance plans must be sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the applicable requirements.

Facility operation and maintenance plans are to be developed by the facility within six(6) months of the issuance date of this permit and the data pertaining to the plan maintained on site for at least 5 years. The plan and associated recordkeeping provides documentation of this facility's implementation of its obligation to operate according to good air pollution control practice.

Good air pollution control practice is achieved by adoption of quality control standards in the operation and maintenance procedures for air pollution control that are comparable to industry quality control standards for the production processes associated with this emission point.

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 146

Associated Equipment

Associated Emission Unit ID Numbers: EU146
Emissions Control Equipment ID Number: CE146
Emissions Control Equipment Description: Scrubber

Emission Unit vented through this Emission Point: EU146
Emission Unit Description: Shaper
Raw Material/Fuel: Wet Dough
Rated Capacity: 3.6 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 4638 / PTO 4759
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.02 gr/dscf, 1.06 lb/hr, 4.66 tpy
Authority for Requirement: LCPH ATI 4638 / PTO 4759

Pollutant: Particulate Matter
Emission Limit(s): 0.02 gr/dscf, 1.06 lb/hr, 4.66 tpy
Authority for Requirement: LCPH ATI 4638 / PTO 4759

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device:
A scrubber shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.
Authority for Requirement: LCPH ATI 4638 / PTO 4759

NSPS and NESHAP Applicability:

- This emission unit is not subject to the New Source Performance Standards (NSPS).
- This emission unit is not subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP).

Authority for Requirement: LCPH ATI 4638 / PTO 4759

Operating Limits:

- Water flow to the scrubber shall be maintained at a minimum of 11.7 gallons per minute at all times.

Authority for Requirement: LCPH ATI 4638 / PTO 4759

Operating Condition Monitoring and Recordkeeping:

A log of operation shall be maintained for the operation of the above listed unit.

- Daily scrubber fresh water make-up rates
- Weekly process rate
- Records of all maintenance and repair completed on the control device

Note: *The operation of an audible alarm system for the scrubber unit may be operated in lieu of daily logging of the water flow rate to the scrubber unit.*

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.
Authority for Requirement: LCPH ATI 4638 / PTO 4759

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

Stack Height (ft, from ground): 98
Discharge Style: Vertical, unobstructed
Stack Opening (inches, diameter): 24
Exhaust Temperature (°F): 150
Exhaust Flowrate (scfm): 6200
Authority for Requirement: LCPH ATI 4638 / PTO 4759

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Facility operation and maintenance plans must be sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the applicable requirements.

Facility operation and maintenance plans are to be developed by the facility within six (6) months of the issuance date of this permit and the data pertaining to the plan maintained on site for at least 5 years. The plan and associated recordkeeping provides documentation of this facility's implementation of its obligation to operate according to good air pollution control practice.

Good air pollution control practice is achieved by adoption of quality control standards in the operation and maintenance procedures for air pollution control that are comparable to industry quality control standards for the production processes associated with this emission point.

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 147

Associated Equipment

Associated Emission Unit ID Numbers: EU147
Emissions Control Equipment ID Number: CE147
Emissions Control Equipment Description: Scrubber

Emission Unit vented through this Emission Point: EU147
Emission Unit Description: Shaper
Raw Material/Fuel: Wet Dough
Rated Capacity: 3.6 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 4639 / PTO 4760
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.02 gr/dscf, 1.06 lb/hr, 4.66 tpy
Authority for Requirement: LCPH ATI 4639 / PTO 4760

Pollutant: Particulate Matter
Emission Limit(s): 0.02 gr/dscf, 1.06 lb/hr, 4.66 tpy
Authority for Requirement: LCPH ATI 4639 / PTO 4760

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device:
A scrubber shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.
Authority for Requirement: LCPH ATI 4639 / PTO 4760

NSPS and NESHAP Applicability:

- This emission unit is not subject to the New Source Performance Standards (NSPS).
- This emission unit is not subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP).

Authority for Requirement: LCPH ATI 4639 / PTO 4760

Operating Limits:

- Water flow to the scrubber shall be maintained at a minimum of 11.7 gallons per minute at all times.

Authority for Requirement: LCPH ATI 4639 / PTO 4760

Operating Condition Monitoring and Recordkeeping:

A log of operation shall be maintained for the operation of the above listed unit.

- Daily scrubber fresh water make-up rates
- Weekly process rate
- Records of all maintenance and repair completed on the control device

Note: *The operation of an audible alarm system for the scrubber unit may be operated in lieu of daily logging of the water flow rate to the scrubber unit.*

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.
Authority for Requirement: LCPH ATI 4639 / PTO 4760

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

Stack Height (ft, from ground): 98
Discharge Style: Vertical, unobstructed
Stack Opening (inches, diameter): 24
Exhaust Temperature (°F): 150
Exhaust Flowrate (scfm): 6200
Authority for Requirement: LCPH ATI 4639 / PTO 4760

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Facility operation and maintenance plans must be sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the applicable requirements.

Facility operation and maintenance plans are to be developed by the facility within six (6) months of the issuance date of this permit and the data pertaining to the plan maintained on site for at least 5 years. The plan and associated recordkeeping provides documentation of this facility's implementation of its obligation to operate according to good air pollution control practice.

Good air pollution control practice is achieved by adoption of quality control standards in the operation and maintenance procedures for air pollution control that are comparable to industry quality control standards for the production processes associated with this emission point.

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 148

Associated Equipment

Associated Emission Unit ID Numbers: EU148
Emissions Control Equipment ID Number: CE148
Emissions Control Equipment Description: Wet Scrubber

Emission Unit vented through this Emission Point: EU148
Emission Unit Description: Liquid Mix
Raw Material/Fuel: Sweeteners
Rated Capacity: 2.7 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 4383 / PTO 4662
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.01 gr/dscf, 0.12 lb/hr, 0.52 tpy
Authority for Requirement: LCPH ATI 4383 / PTO 4662

Pollutant: Particulate Matter
Emission Limit(s): 0.01 gr/dscf, 0.12 lb/hr, 0.52 tpy
Authority for Requirement: LCPH ATI 4383 / PTO 4662

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device:
A wet scrubber, Ducon scrubber Size 18, shall be used to control PM/PM10 emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Record keeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.
Authority for Requirement: LCPH ATI 4383 / PTO 4662

Operating Limits:

- Water flow rate to the scrubber unit shall be maintained at a minimum of 1.8 gallons per minute at all times while the unit is in operation.

Authority for Requirement: LCPH ATI 4383 / PTO 4662

Operating Condition Monitoring and Record keeping:

A log of operation shall be maintained for the operation of the above listed unit.

- Daily scrubber fresh water make-up rates
- Records of all maintenance and repair completed to the scrubber
- Weekly drying rate

Note: *The operation of an audible alarm system for the scrubber unit may be operated in lieu of daily logging of the water flow rate to the scrubber unit.*

All monitors shall be easily accessible to air pollution personnel.
All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and/or their authorized representatives.
Authority for Requirement: LCPH ATI 4383 / PTO 4662

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

Stack Height (feet, from ground): 79
Stack Diameter (opening, inches): 14
Discharge Style: Vertical
Exhaust Temperature (°F): 115
Exhaust Flow Rate (acfm): 1500
Authority for Requirement: LCPH ATI 4383 / PTO 4662

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:

The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.

Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 149

Associated Equipment

Associated Emission Unit ID Numbers: EU149
Emissions Control Equipment ID Number: CE149
Emissions Control Equipment Description: Wet Scrubber

Emission Unit vented through this Emission Point: EU149
Emission Unit Description: Dryer
Raw Material/Fuel: Wet Dough
Rated Capacity: 10.50 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 3165 / PTO 4663
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.034 gr/dscf, 0.72 lb/hr
Authority for Requirement: LCPH ATI 3165 / PTO 4663

Pollutant: Particulate Matter
Emission Limit(s): 0.034 gr/dscf, 0.72 lb/hr
Authority for Requirement: LCPH ATI 3165 / PTO 4663

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device:
A Ducon scrubber shall be used to control PM/PM10 emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.
Authority for Requirement: LCPH ATI 3165 / PTO 4663

Operating Limits:

- Water flow rate to the scrubber unit shall be maintained at a minimum of 4.9 gallons per minute at all times while the unit is in operation.

Authority for Requirement: LCPH ATI 3165 / PTO 4663

Operating Condition Monitoring and Recordkeeping:

A log of operation shall be maintained for the operation of the above listed unit.

- Daily scrubber fresh water make-up rates
- Records of all maintenance and repair completed to the scrubber
- Weekly drying rate

Note: *The operation of an audible alarm system for the scrubber unit may be operated in lieu of daily logging of the water flow rate to the scrubber unit.*

All monitors shall be easily accessible to air pollution personnel.
All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and/or their authorized representatives.
Authority for Requirement: LCPH ATI 3165 / PTO 4663

Emission Point Characteristics

This emission point shall conform to the specifications listed below.
Stack Height (feet, from ground): 131
Stack Diameter (opening, inches): 15
Discharge Style: Vertical, Unobstructed
Exhaust Temperature (°F): 115
Exhaust Flowrate (scfm): 2476
Authority for Requirement: LCPH ATI 3165 / PTO 4663

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:

The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective

action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Facility operation and maintenance plans must be sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the applicable requirements.

Facility operation and maintenance plans are to be developed by the facility within six(6) months of the issuance date of this permit and the data pertaining to the plan maintained on site for at least 5 years. The plan and associated recordkeeping provides documentation of this facility's implementation of its obligation to operate according to good air pollution control practice.

Good air pollution control practice is achieved by adoption of quality control standards in the operation and maintenance procedures for air pollution control that are comparable to industry quality control standards for the production processes associated with this emission point.

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 150

Associated Equipment

Associated Emission Unit ID Numbers: EU150

Emission Unit vented through this Emission Point: EU150
Emission Unit Description: Gas Fired Preheater
Raw Material/Fuel: Natural Gas, Propane
Rated Capacity: 0.8 MMBtu/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 4450 / PTO 4604
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.007 lb/hr, 0.03 tpy
Authority for Requirement: LCPH ATI 4450 / PTO 4604

Pollutant: Particulate Matter
Emission Limit(s): 0.007 lb/hr, 0.03 tpy
Authority for Requirement: LCPH ATI 4450 / PTO 4604
LCO 10.8(2)"b"

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 0.0007 lb/hr, 0.003 tpy
Authority for Requirement: LCPH ATI 4450 / PTO 4604

Pollutant: Nitrogen Oxides (NO_x)
Emission Limit(s): 235 tpy
Authority for Requirement: LCPH ATI 4450 / PTO 4604
See Plant-Wide Conditions for Plant-Wide NO_x limit.

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

See Plant-Wide Conditions section for Facility Operating Limits, Record keeping Requirements and Reporting Requirements that apply to this emission point.

Emission Point Characteristics
This emission point shall conform to the conditions listed below.

Stack Height (feet, from ground): 96
Discharge Style: Vertical, Unobstructed
Stack Opening (inches, diameter): 8
Exhaust Temperature (^{o}F): 450
Exhaust Flowrate (scfm): 99
Authority for Requirement: LCPH ATI 4450 / PTO 4604

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements
The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.

Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 151

Associated Equipment

Associated Emission Unit ID Numbers: EU151A, EU151B

Emission Unit vented through this Emission Point: EU151A, EU151B
Emission Unit Description: Gas Fired Preheater
Raw Material/Fuel: Natural Gas, Propane
Rated Capacity: 0.8 MMBtu/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 3166 / PTO 4605
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.007 lb/hr, 0.03 tpy
Authority for Requirement: LCPH ATI 3166 / PTO 4605

Pollutant: Particulate Matter
Emission Limit(s): 0.007 lb/hr, 0.03 tpy
Authority for Requirement: LCPH ATI 3166 / PTO 4605

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 0.0007 lb/hr, 0.003 tpy
Authority for Requirement: LCPH ATI 3166 / PTO 4605

Pollutant: Nitrogen Oxides (NO_x)
Emission Limit(s): 235 tpy
Authority for Requirement: LCPH ATI 3166 / PTO 4605
See Plant-Wide Conditions for Plant-Wide NO_x limit.

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

See Plant-Wide Conditions section for Facility Operating Limits, Record keeping Requirements and Reporting Requirements that apply to this emission point.

Emission Point Characteristics
This emission point shall conform to the conditions listed below.

Stack Height (feet, from ground): 82
Discharge Style: Vertical, Unobstructed
Stack Opening (inches, diameter): 10
Exhaust Temperature (^{o}F): 450
Exhaust Flowrate (scfm): 99
Authority for Requirement: LCPH ATI 3166 / PTO 4605

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements
The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 152

Associated Equipment

Associated Emission Unit ID Numbers: EU152
Emissions Control Equipment ID Number: CE152
Emissions Control Equipment Description: Wet Scrubber

Emission Unit vented through this Emission Point: EU152
Emission Unit Description: Base Bin
Raw Material/Fuel: In-Process Cereal
Rated Capacity: 7.9 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 4919 / PTO 0
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.02 gr/dscf, 0.14 lb/hr
Authority for Requirement: LCPH ATI 4919 / PTO 0

Pollutant: Particulate Matter
Emission Limit(s): 0.02 gr/dscf, 0.14 lb/hr
Authority for Requirement: LCPH ATI 4919 / PTO 0

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device:
A scrubber shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.
Authority for Requirement: LCPH ATI 4919 / PTO 0

NSPS and NESHAP Applicability:

- This emission unit is not subject to the New Source Performance Standards (NSPS).
- This emission unit is not subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP).

Authority for Requirement: LCPH ATI 4919 / PTO 0

Operating Limits:

- Water flow rate to the scrubber unit shall be maintained at a minimum of 1.3 gallons per minute at all times while the unit is in operation.

Authority for Requirement: LCPH ATI 4919 / PTO 0

Operating Condition Monitoring and Recordkeeping:

A log of operation shall be maintained for the operation of the above listed unit.

- Daily scrubber fresh water make-up rates
- Records of all maintenance and repair completed to the scrubber

Note: *The operation of an audible alarm system for the scrubber unit may be operated in lieu of daily logging of the water flow rate to the scrubber unit.*

All monitors shall be easily accessible to air pollution personnel.
All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and/or their authorized representatives.
Authority for Requirement: LCPH ATI 4919 / PTO 0

Emission Point Characteristics

This emission point shall conform to the specifications listed below.

Stack Height (feet, from ground): 72
Discharge Style: Vertical, Unobstructed
Stack Diameter (inches, diameter): 8
Exhaust Temperature (°F): 105
Exhaust Flowrate (scfm): 800
Authority for Requirement: LCPH ATI 4919 / PTO 0

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 156

Associated Equipment

Associated Emission Unit ID Numbers: EU156
Emissions Control Equipment ID Number: CE156
Emissions Control Equipment Description: Wet Scrubber

Emission Unit vented through this Emission Point: EU156
Emission Unit Description: Enrober
Raw Material/Fuel: In-Process Cereal
Rated Capacity: 5.4 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 3690 / PTO 3739
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.4 tpy
Authority for Requirement: LCPH ATI 3690 / PTO 3739

Pollutant: Particulate Matter
Emission Limit(s): 0.1 gr/dscf
Authority for Requirement: 567 IAC 23.3(2)"a"(2)
LCO 10.9(1)"a"

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device:
A wet collector shall be used to control particulate emissions. The control device shall be operated at all times when any equipment controlled by the control device is operating. The control device shall be maintained on this source in a good operating condition at all times. All appropriate probes and gauges needed to measure the parameters outlined in "Monitoring Requirements" shall be installed and maintained in a good operating condition.
Authority for Requirement: LCPH ATI 3690 / PTO 3739

Operating Limits:

- The maximum exhaust airflow rate shall be 600 scfm.
- Water feed to scrubber unit shall be 1.0 GPM. (No recirculation)

Authority for Requirement: LCPH ATI 3690 / PTO 3739

Monitoring Requirements:

The following information shall be monitored:

- Water feed rate to scrubber (gal/min)

Authority for Requirement: LCPH ATI 3690 / PTO 3739

Record keeping Requirements:

A log of operation shall be maintained for the above listed unit. The following information shall be recorded and kept on site for a period of no less than five years.

- Daily scrubber flow rate readings (gal/min)
- Records of all maintenance and repair completed on the control device

Note: *The operation of a audible low flow alarm system for the scrubber unit can be operated in lieu of daily logging of the water flow rate to the scrubber unit.*

These records shall be available on site at all times for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 3690 / PTO 3739

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:

The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.

Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Facility operation and maintenance plans must be sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the applicable requirements.

Facility operation and maintenance plans are to be developed by the facility within six(6) months of the issuance date of this permit and the data pertaining to the plan maintained on site for at least 5 years. The plan and associated recordkeeping provides documentation of this facility's implementation of its obligation to operate according to good air pollution control practice.

Good air pollution control practice is achieved by adoption of quality control standards in the operation and maintenance procedures for air pollution control that are comparable to industry quality control standards for the production processes associated with this emission point.

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 157

Associated Equipment

Associated Emission Unit ID Numbers: EU157A, EU157B, EU157C
Emissions Control Equipment ID Number: CE157
Emissions Control Equipment Description: Wet Scrubber

Emission Unit vented through this Emission Point: EU157A, EU157B
Emission Unit Description: Dryer
Raw Material/Fuel: Natural Gas, Propane
Rated Capacity: 9.1 MMBtu/hr

Emission Unit vented through this Emission Point: EU157C
Emission Unit Description: Dryer
Raw Material/Fuel: Base Cereal
Rated Capacity: 5.4 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 3691 / PTO 4639
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.007 gr/scf, 0.53 lb/hr, 2.30 tpy
Authority for Requirement: LCPH ATI 3691 / PTO 4639

Pollutant: Particulate Matter
Emission Limit(s): 0.007 gr/scf, 0.53 lb/hr, 2.30 tpy
Authority for Requirement: LCPH ATI 3691 / PTO 4639

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 0.007 lb/hr, 0.03 tpy
Authority for Requirement: LCPH ATI 3691 / PTO 4639

Pollutant: Nitrogen Oxide (NO_x)
Emission Limit(s): 235 tpy
Authority for Requirement: LCPH ATI 3691 / PTO 4639
See Plant-Wide Conditions for Plant-Wide NO_x limit.

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

See Plant-Wide Conditions section for Facility Operating Limits, Record keeping Requirements and Reporting Requirements that apply to this emission point.

Control Device:

A wet collector shall be used to control particulate emissions. The control device shall be operated at all times when any equipment controlled by the control device is operating. The control device shall be maintained on this source in a good operating condition at all times. All appropriate probes and gauges needed to measure water feed rate to the scrubber shall be installed and maintained in a good operating condition.
Authority for Requirement: LCPH ATI 3691 / PTO 4639

Operating Limits:

- This dryer shall be limited to natural gas and liquid propane gas combustion only.
- Freshwater feed to the scrubber unit shall be maintained at the minimum following flow rates:
  Zone #1 = 11.0 gpm
  Zone #2 = 8.5 gpm

Authority for Reuqirement; LPCH ATI 3691 / PTO 4639

Operating Condition Monitoring and Recordkeeping:

A log of operation shall be maintained for the operation of the above listed unit.

- Daily freshwater feed rate to the scrubber (gal/min)
  The operation of an audible flow alarm system for the scrubber unit can be operated in lieu of the daily logging of the water flow rate for the scrubber unit.
- Records of all maintenance and repair completed n the control device.

All records as required by this permit shall be kept on-site for a minimum of five(5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.
Authority for Requirement: LCPH ATI 3691 / PTO 4639

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

Stack Height (ft, from ground): 77
Discharge Style: Vertical
Stack Opening (inches, diameter): 24.25
Exhaust Temperature (°F): 180
Exhaust Flowrate (scfm): 8874
Authority for Requirement: LCPH ATI 3691 / PTO 4639

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:

The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.

Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Facility operation and maintenance plans must be sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the applicable requirements.

Facility operation and maintenance plans are to be developed by the facility within six(6) months of the issuance date of this permit and the data pertaining to the plan maintained on site for at least 5 years. The plan and associated recordkeeping provides documentation of this facility's implementation of its obligation to operate according to good air pollution control practice.

Good air pollution control practice is achieved by adoption of quality control standards in the operation and maintenance procedures for air pollution control that are comparable to industry quality control standards for the production processes associated with this emission point.

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 158

Associated Equipment

Associated Emission Unit ID Numbers: EU158A, EU158B, EU158C
Emissions Control Equipment ID Number: CE158
Emissions Control Equipment Description: Wet Scrubber

Emission Unit vented through this Emission Point: EU158A, EU158B
Emission Unit Description: Dryer
Raw Material/Fuel: Natural Gas, Propane
Rated Capacity: 5 MMBtu/hr

Emission Unit vented through this Emission Point: EU158C
Emission Unit Description: Dryer
Raw Material/Fuel: Base Cereal
Rated Capacity: 5.22 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 3692 / PTO 4638
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.004 gr/scf, 0.15 lb/hr, 0.66 tpy
Authority for Requirement: LCPH ATI 3692 / PTO 4638

Pollutant: Particulate Matter
Emission Limit(s): 0.004 gr/scf, 0.15 lb/hr, 0.66 tpy
Authority for Requirement: LCPH ATI 3692 / PTO 4638

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 0.005 lb/hr, 0.02 tpy
Authority for Requirement: LCPH ATI 3692 / PTO 4638

Pollutant: Nitrogen Oxide (NO_x)
Emission Limit(s): 235 tpy
Authority for Requirement: LCPH ATI 3691 / PTO 4639
See Plant-Wide Conditions for Plant-Wide NO_x limit.

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

See Plant-Wide Conditions section for Facility Operating Limits, Record keeping Requirements and Reporting Requirements that apply to this emission point.

Control Device:

A wet collector shall be used to control particulate emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.
Authority for Requirement: LCPH ATI 3692 / PTO 4638

Operating Limits:

- This dryer shall be limited to natural gas and liquid propane gas combustion only.
- Freshwater feed to the scrubber unit shall be maintained at the minimum following flow rates:
  Zone #3 = 5.0 gpm
  Zone #4 = 3.5 gpm

Authority for Requirement; LPCH ATI 3692 / PTO 4638

Operating Condition Monitoring and Recordkeeping:

A log of operation shall be maintained for the operation of the above listed unit.

- Daily freshwater feed rate to the scrubber (gal/min)
  The operation of an audible flow alarm system for the scrubber unit can be operated in lieu of the daily logging of the water flow rate for the scrubber unit.
- Records of all maintenance and repair completed n the control device.

All records as required by this permit shall be kept on-site for a minimum of five(5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.
Authority for Requirement: LCPH ATI 3692 / PTO 4638

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

Stack Height (ft, from ground): 70
Discharge Style: Vertical, Unobstructed
Stack Opening (inches, diameter): 19.75
Exhaust Temperature (°F): 170
Exhaust Flowrate (scfm): 4385
Authority for Requirement: LCPH ATI 3692 / PTO 4638

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate

may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:

The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.

Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 159

Associated Equipment

Associated Emission Unit ID Numbers: EU159

Emission Unit vented through this Emission Point: EU159
Emission Unit Description: Propane Gas Feeder Vaporizer
Raw Material/Fuel: Propane
Rated Capacity: 3.36 MMBtu/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 3905 / PTO 4579
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.0091 lb/hr, 0.04 tpy
Authority for Requirement: LCPH ATI 3905 / PTO 4579

Pollutant: PM-10
Emission Limit(s): 0.6 lb/MMBtu
Authority for Requirement: LCPH ATI 3905 / PTO 4579
LCO 10.8(2)"b"

Pollutant: Particulate Matter
Emission Limit(s): 0.0091 lb/hr, 0.04 tpy
Authority for Requirement: LCPH ATI 3905 / PTO 4579

Pollutant: Particulate Matter
Emission Limit(s): 0.6 lb/MMBtu
Authority for Requirement: LCPH ATI 3905 / PTO 4579
LCO 10.8(2)"b"

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 0.0023 lb/hr, 0.01 tpy
Authority for Requirement: LCPH ATI 3905 / PTO 4579

Pollutant: Nitrogen Oxide (NO_x)
Emission Limit(s): 235 tpy
Authority for Requirement: LCPH ATI 3905 / PTO 4579
See Plant-Wide Conditions for Plant-Wide NO_x limit.

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

See Plant-Wide Conditions section for Facility Operating Limits, Record keeping Requirements and Reporting Requirements that apply to this emission point.

Emission Point Characteristics
This emission point shall conform to the conditions listed below.

Stack Height (feet, from ground): 11
Discharge Style: Vertical, Obstructed
Stack Opening (inches, diameter): 26 x 61
Exhaust Temperature (^oF): 150
Exhaust Flowrate (scfm): 619
Authority for Requirement: LCPH ATI 3905 / PTO 4579

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements
The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer

shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 160

Associated Equipment

Associated Emission Unit ID Numbers: EU160
Emissions Control Equipment ID Number: CE160
Emissions Control Equipment Description: Central Vacuum Collector

Emission Unit vented through this Emission Point: EU160
Emission Unit Description: Central Vacuum System
Raw Material/Fuel: Mixed Cereals
Rated Capacity: 28.46 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 4010 / PTO 4025
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.02 gr/dscf, 0.38 tpy
Authority for Requirement: LCPH ATI 4010 / PTO 4025

Pollutant: Particulate Matter
Emission Limit(s): 0.1 gr/dscf
Authority for Requirement: 567 IAC 23.3(2)"a"(2)
LCO 10.9(1)"a"

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device:
A baghouse shall be used to control particulate emissions. The control equipment shall be maintained on this source in a good operating condition at all times. All appropriate probes and gauges needed to measure the parameters outlined in "Record keeping Requirements" shall be installed and maintained in a good operating condition.
Authority for Requirement: LCPH ATI 4010 / PTO 4025

Operating Limits:
The maximum flow rate shall be 500 scfm.
Authority for Requirement: LCPH ATI 4010 / PTO 4025

Record Keeping Requirements:
A log of operation shall be maintained for the above listed unit. The following information shall be recorded and kept on site for a period of no less than five years.

- Records of all maintenance and repair completed on the control device.

These records shall be available on site at all times for viewing by air pollution control personnel.
Authority for Requirement: LCPH ATI 4010 / PTO 4025

Monitoring Requirements
The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time. If the unit operates more than 4700 hr/yr, a stack test for particulate matter will be required on this emission point.

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Facility operation and maintenance plans must be sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the applicable requirements.

Facility operation and maintenance plans are to be developed by the facility within six(6) months of the issuance date of this permit and the data pertaining to the plan maintained on site for at least 5 years. The plan and associated recordkeeping provides documentation of this facility's implementation of its obligation to operate according to good air pollution control practice.

Good air pollution control practice is achieved by adoption of quality control standards in the operation and maintenance procedures for air pollution control that are comparable to industry quality control standards for the production processes associated with this emission point.

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 161

Associated Equipment

Associated Emission Unit ID Numbers: EU161
Emissions Control Equipment ID Number: CE161
Emissions Control Equipment Description: Wet Scrubber

Emission Unit vented through this Emission Point: EU161
Emission Unit Description: Dryer
Raw Material/Fuel: Wet Dough
Rated Capacity: 10.25 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 4933 / PTO 0
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.01 gr/dscf, 0.90 lb/hr, 3.92 tpy
Authority for Requirement: LCPH ATI 4933 / PTO 0

Pollutant: Particulate Matter
Emission Limit(s): 0.01 gr/dscf, 0.90 lb/hr, 3.92 tpy
Authority for Requirement: LCPH ATI 4933 / PTO 0

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device:
A wet scrubber, Clean Gas Systems Dynascrub-I, shall be used to control PM/PM10 emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Record keeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.
Authority for Requirement: LCPH ATI 4933 / PTO 0

NSPS and NESHAP Applicability:

- New Source Performance Standards (NSPS) and National Emission Standards for Hazardous Air Pollutants (NESHAP) do not apply to this source at this time.

Authority for Requirement: LCPH ATI 4933 / PTO 0

Operating Limits:

- Water flow rate to the scrubber unit shall be maintained at a minimum of 12 gallon per minute at all times while the unit is in operation.

Authority for Requirement: LCPH 4933 / PTO 0

Operating Condition Monitoring and Record keeping:

A log of operation shall be maintained for the operation of the above listed unit.

- Daily scrubber fresh water make-up rates
- Weekly drying rate
- Records of all maintenance and repair completed to the scrubber

Note: *The operation of an audible low water flow alarm system for the scrubber unit can be operated in lieu of daily logging of the water flow rate to the scrubber unit.*

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and/or their authorized representatives.
Authority for Requirement: LCPH ATI 4933 / PTO 0

Emission Point Characteristics

Stack Height (feet, from ground): 72
Discharge Style: Vertical, unobstructed
Stack Opening (inches in diameter): 34
Exhaust Temperature (°F): 185
Exhaust Flowrate(acfm): 12,720
Authority for Requirement: LCPH ATI 4933 / PTO 0

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 162

Associated Equipment

Associated Emission Unit ID Numbers: EU162

Emission Unit vented through this Emission Point: EU162
Emission Unit Description: Standby Generator
Raw Material/Fuel: Diesel Fuel
Rated Capacity: 8.2 MMBtu/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 4295 / PTO 4643
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 1.15 lb/hr, 0.57 tpy
Authority for Requirement: LCPH ATI 4295 / PTO 4643

Pollutant: Particulate Matter
Emission Limit(s): 1.15 lb/hr, 0.57 tpy
Authority for Requirement: LCPH ATI 4295 / PTO 4643

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 1.5 lb/MMBtu when burning liquid fuels
Authority for Requirement: LCPH ATI 4295 / PTO 4643
LCO 10.12(1)"b"

Pollutant: Nitrogen Oxides (NO_x)
Emission Limit(s): 235 tpy
Authority for Requirement: LCPH ATI 4295 / PTO 4643
See Plant-Wide Conditions for Plant-Wide NO_x limit.

Pollutant: Volatile Organic Compounds (VOC)
Emission Limit(s): 0.74 lb/hr, 0.37 tpy
Authority for Requirement: LCPH ATI 4295 / PTO 4643

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

See Plant-Wide Conditions section for Facility Operating Limits, Record keeping Requirements and Reporting Requirements that apply to this emission point.

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Limits:
- This source shall be limited to 1000 hours of operation per year calculated on a 12-month rolling total.
- Fuel use in this unit shall be either #1 or #2 grade diesel fuel only, with a maximum concentration of 0.5% sulfur by weight.

Authority for Requirement: LCPH ATI 4295 / PTO 4643

Operating Condition Monitoring and Record keeping:
A log of operation shall be maintained for the operation of the above listed unit.
- Total hours of engine operation per year calculated on a 12-month rolling total.
- Type of fuel burned and sulfur concentration by weight.

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County AQD and other federal or state air pollution regulatory agencies and/or their authorized representatives.
Authority for Requirement: LCPH ATI 4295 / PTO 4643

Emission Point Characteristics
This emission point shall conform to the specifications listed below.

Stack Height (ft, from ground): 38
Discharge Style: Vertical
Stack Opening (inches in diameter): 12
Exhaust Temperature (°F): 981
Exhaust Flowrate (scfm): 6381
Authority for Requirement: LCPH ATI 4295 / PTO 4643

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 163

Associated Equipment

Associated Emission Unit ID Numbers: EU163
Emissions Control Equipment ID Number: CE163
Emissions Control Equipment Description: Wet Scrubber

Emission Unit vented through this Emission Point: EU163
Emission Unit Description: Dryer
Raw Material/Fuel: Wet Dough
Rated Capacity: 6.3 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 4340 / PTO 4665
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.02 gr/dscf, 0.26 lb/hr, 1.15 tpy
Authority for Requirement: LCPH ATI 4340 / PTO 4665

Pollutant: Particulate Matter
Emission Limit(s): 0.02 gr/dscf, 0.26 lb/hr, 1.15 tpy
Authority for Requirement: LCPH ATI 4340 / PTO 4665

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device:

A Ducon Dynamic wet scrubber (Model III, Type UW3, Size 30) shall be used to control PM/PM10 emissions. The control equipment shall be maintained properly and operated at all times while the air pollution source is in operation.

All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Record keeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.
Authority for Requirement: LCPH ATI 4340 / PTO 4665

Operating Limits:

- Water flow rate to the scrubber unit shall be maintained at a minimum of 4 gallons per minute at all times while the unit is in operation. Only fresh water shall be used in this scrubber.

Authority for Requirement: LCPH ATI 4340 / PTO 4665

Operating Condition Monitoring and Record keeping:

A log of operation shall be maintained for the operation of the above listed unit.

- Daily scrubber fresh water make-up rates
- Weekly drying rate
- Records of all maintenance and repair completed to the scrubber

Note: *The operation of an audible low water flow alarm system for the scrubber unit can be operated in lieu of daily logging of the water flow rate to the scrubber unit.*

All monitors shall be easily accessible to air pollution personnel.
All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and/or their authorized representatives.
Authority for Requirement: LCPH ATI 4340 / PTO 4665

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

Stack Height (feet, from ground): 64
Discharge Style: Vertical
Stack Diameter (inches): 10"
Exhaust Temperature (°F): 200
Exhaust Flow Rate (acfm): 1917
Authority for Requirement: LCPH ATI 4340 / PTO 4665

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:

The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.

Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 164

Associated Equipment

Associated Emission Unit ID Numbers: EU164A, EU164B

Emission Unit vented through this Emission Point: EU164A, EU164B
Emission Unit Description: Gas Fired Preheater
Raw Material/Fuel: Natural Gas, Propane
Rated Capacity: 0.80 MMBtu/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 4451 / PTO 4640
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.008 gr/scf, 0.007 lb/hr, 0.03 tpy
Authority for Requirement: LCPH ATI 4451 / PTO 4640

Pollutant: Particulate Matter
Emission Limit(s): 0.008 gr/scf, 0.007 lb/hr, 0.03 tpy
Authority for Requirement: LCPH ATI 4451 / PTO 4640

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 0.0007 lb/hr, 0.003 tpy
Authority for Requirement: LCPH ATI 4451 / PTO 4640

Pollutant: Nitrogen Oxides (NO_x)
Emission Limit(s): 235 tpy
Authority for Requirement: LCPH ATI 4451 / PTO 4640
See Plant-Wide Conditions for Plant-Wide NO_x limit.

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

See Plant-Wide Conditions section for Facility Operating Limits, Record keeping Requirements and Reporting Requirements that apply to this emission point.

Emission Point Characteristics
This emission point shall conform to the specifications listed below.

Stack Height (ft, from ground): 44
Discharge Style: Vertical
Stack Opening, (inches, diameter): 8
Exhaust Temperature (°F): 450
Exhaust Flowrate (scfm): 99
Authority for Requirement: LCPH ATI 4451 / PTO 4640

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements
The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 165

Associated Equipment

Associated Emission Unit ID Numbers: EU165A, EU165B

Emission Unit vented through this Emission Point: EU165A, EU165B
Emission Unit Description: MCC Emergency Generator (Standby)
Raw Material/Fuel: Natural Gas, Propane
Rated Capacity: 1.56 MMBtu/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 4640 / PTO 4641
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.012 lb/hr, 0.003 tpy
Authority for Requirement: LCPH ATI 4640 / PTO 4641

Pollutant: Particulate Matter
Emission Limit(s): 0.012 lb/hr, 0.003 tpy
Authority for Requirement: LCPH ATI 4640 / PTO 4641

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 1.5 lb/MMBtu when burning liquid fuel
Authority for Requirement: KCI 10.12(1)"b"

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 500 ppmv
Authority for Requirement: 567 IAC 23.3(3)"e"
LCO 10.12(2)

Pollutant: Nitrogen Oxides (NO_x)
Emission Limit(s): 235 tpy
Authority for Requirement: LCPH ATI 4640 / PTO 4641
See Plant-Wide Conditions for Plant-Wide NO_x limit.

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

See Plant-Wide Conditions section for Facility Operating Limits, Record keeping Requirements and Reporting Requirements that apply to this emission point.

Operating Limits:

- This unit shall be limited to 500 hours of operation per year calculated on a 12-month rolling total.
- This unit shall burn propane and/or natural gas only.

Authority for Requirement: LCPH ATI 4640 / PTO 4641

Operating Condition Monitoring and Recordkeeping:

- Record the total hours of engine operation per year based on a 12-month rolling total.

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.
Authority for Requirement: LCPH ATI 4640 / PTO 4641

Emission Point Characteristics

This emission point shall conform to the specifications listed below.

Stack Height (ft, from ground): 49
Discharge Style: Horizontal
Stack Opening, (inches, diameter): 4
Exhaust Temperature (°F): 1544
Exhaust Flowrate (scfm): 205
Authority for Requirement: LCPH ATI 4640 / PTO 4641

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 166

Associated Equipment

Associated Emission Unit ID Numbers: EU166A, EU166B

Emission Unit vented through this Emission Point: EU166A, EU166B
Emission Unit Description: Shop Emergency Generator (Standby)
Raw Material/Fuel: Natural Gas, Propane
Rated Capacity: 1.51 MMBtu/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 4601 / PTO 4761
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.012 lb/hr, 0.003 tpy[1]
Authority for Requirement: LCPH ATI 4601 / PTO 4761

Pollutant: Particulate Matter
Emission Limit(s): 0.012 lb/hr, 0.003 tpy[1]
Authority for Requirement: LCPH ATI 4601 / PTO 4761

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 1.5 lb/MMBtu when burning liquid fuel
Authority for Requirement: LCO 10.12(1)"b"

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 500 ppmv
Authority for Requirement: 567 IAC 23.3(3)"e"
LCO 10.12(2)

Pollutant: Nitrogen Oxide (NO_x)
Emission Limit(s): 235 tpy[2]
Authority for Requirement: LCPH ATI 4601 / PTO 4761
See Plant-Wide Conditions for Plant-Wide NO_x limit.

[1]Based on operating limit of 500 hours per year based on a 12-month rolling total. Based on 7.6 lb/MMCF emission factor for natural gas per Fire 6.24.
[2]Facility bubble limit for NO_x emissions. Potential emissions for this source are 0.24 lb/hr and 0.06 tpy based on 500 hours of operation. Potential emissions based on 19 lbs/1000 gallons emission factor for propane per Fire 6.24.

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

See Plant-Wide Conditions section for Facility Operating Limits, Record keeping Requirements and Reporting Requirements that apply to this emission point.

NSPS and NESHAP Applicability:
- This emission unit is not subject to the New Source Performance Standards (NSPS).
- This emission unit is not subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP).

Authority for Requirement: LCPH ATI 4601 / PTO 4761

Operating Limits:
- This unit shall be limited to 500 hours of operation per year calculated on a 12-month rolling total.
- This unit shall burn propane and/or natural gas only.

Authority for Requirement: LCPH ATI 4601 / PTO 4761

Operating Condition Monitoring and Recordkeeping:
- Record the total hours of engine operation per year based on a 12-month rolling total.

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.
Authority for Requirement: LCPH ATI 4601 / PTO 4761

Emission Point Characteristics
This emission point shall conform to the specifications listed below.

Stack Height (ft, from ground): 38
Discharge Style: Vertical, Unobstructed
Stack Opening, (inches, diameter): 4
Exhaust Temperature (°F): 1544
Exhaust Flowrate (scfm): 205[3]
Authority for Requirement: LCPH ATI 4601 / PTO 4761
[3]Converted from 780 acfm at 1544°F.

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the

emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 200

Associated Equipment

Associated Emission Unit ID Numbers: EU200
Emissions Control Equipment ID Number: CE200
Emissions Control Equipment Description: Fabric Filter

Emission Unit vented through this Emission Point: EU200
Emission Unit Description: Product Receiver
Raw Material/Fuel: Wet Dough
Rated Capacity: 10.25 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 4934 / PTO 0
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.00528 gr/dscf, 0.575 lb/hr, 2.52 tpy
Authority for Requirement: LCPH ATI 4934 / PTO 0

Pollutant: Particulate Matter
Emission Limit(s): 0.00528 gr/dscf, 0.575 lb/hr, 2.52 tpy
Authority for Requirement: LCPH ATI 4934 / PTO 0

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device:
A dust collector/baghouse, Flex Kleen (Model 84-CTB-144 IIIG) shall be used to control PM/PM10 emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Record keeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.
Authority for Requirement: LCPH ATI 4934 / PTO 0

NSPS and NESHAP Applicability:

- New Source Performance Standards (NSPS) do not apply to this source at this time.
- National Emission Standards for Hazardous Air Pollutants (NESHAP) do not apply to this source at this time.

Authority for Requirement: LCPH ATI 4934 / PTO 0

Operating Condition Monitoring and Record keeping:

A log of operation shall be maintained for the operation of the above listed unit.

- Weekly pressure drop readings
- Weekly process rate
- Records of all maintenance and repair completed to the dust collector/baghouse

All monitors shall be easily accessible to air pollution personnel.

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County AQD and other federal or state air pollution regulatory agencies and/or their authorized representatives.
Authority for Requirement: LCPH ATI 4934 / PTO 0

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

Stack Height (feet, from ground): 56
Discharge Style: Horizontal
Stack Opening (inches): 17 x 21
Stack Temperature (°F): 132
Stack Exhaust Flow Rate (scfm): 12,700
Authority for Requirement: LCPH ATI 4934 / PTO 0

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack Testing:

Pollutant – PM-10
1st Stack Test to be Completed by – October 1, 2006
Test Method – Method 201A with 202 or approved alternative
Authority for Requirement – 567 IAC 22.108(3)

The owner of this equipment or the owner's authorized agent shall provide written notice to the Director, not less than 30 days before a required stack test or performance evaluation of a continuous emission monitor. Results of the test shall be submitted in writing to the Director in

the form of a comprehensive report within 6 weeks of the completion of the testing. 567 IAC 25.1(7)

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Facility operation and maintenance plans must be sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the applicable requirements.

Facility operation and maintenance plans are to be developed by the facility within six(6) months of the issuance date of this permit and the data pertaining to the plan maintained on site for at least 5 years. The plan and associated recordkeeping provides documentation of this facility's implementation of its obligation to operate according to good air pollution control practice.

Good air pollution control practice is achieved by adoption of quality control standards in the operation and maintenance procedures for air pollution control that are comparable to industry quality control standards for the production processes associated with this emission point.

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 300

Associated Equipment

Associated Emission Unit ID Numbers: EU300
Emissions Control Equipment ID Number: CE300
Emissions Control Equipment Description: Fabric Filter

Emission Unit vented through this Emission Point: EU300
Emission Unit Description: Product Receiver
Raw Material/Fuel: Sweeteners
Rated Capacity: 3.00 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 679 / PTO 4650
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.01 gr/dscf, 0.28 lb/hr, 1.21 tpy
Authority for Requirement: LCPH ATI 679 / PTO 4650

Pollutant: Particulate Matter
Emission Limit(s): 0.01 gr/dscf, 0.28 lb/hr, 1.21 tpy
Authority for Requirement: LCPH ATI 679 / PTO 4650

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device:
A dust collector shall be used to control PM/PM10 emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.
Authority for Requirement: LCPH ATI 679 / PTO 4650

Operating Condition Monitoring and Recordkeeping:
A log of operation shall be maintained for the operation of the above listed unit.

- Weekly pressure drop readings
- Weekly process rate
- Records of all maintenance and repair completed to the dust collector / baghouse

All monitors shall be easily accessible to air pollution personnel.
All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County AQD and other federal or state air pollution regulatory agencies and/or their authorized representatives.
Authority for Requirement: LCPH ATI 679 / PTO 4650

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height (ft, from ground): 40
Discharge Style: Horizontal
Stack Opening (inches): 12"
Exhaust Temperature (°F): 130
Exhaust Flowrate (acfm): 3605
Authority for Requirement: LCPH ATI 679 / PTO 4650

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements
The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack Testing:
Pollutant – Particulate Matter (PM)
1st Stack Test to be Completed by – October 1, 2006
Test Method – Iowa Compliance Sampling Manual
Authority for Requirement – 567 IAC 22.108(3)

A stack test on emission point 300, 301 or 302 will represent the compliance testing for all three of these units. If the stack test does not show compliance, further evaluation will be required to bring the units into continuous compliance.

The owner of this equipment or the owner's authorized agent shall provide written notice to the Director, not less than 30 days before a required stack test or performance evaluation of a continuous emission monitor. Results of the test shall be submitted in writing to the Director in the form of a comprehensive report within 6 weeks of the completion of the testing. 567 IAC 25.1(7)

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Facility operation and maintenance plans must be sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the applicable requirements.

Facility operation and maintenance plans are to be developed by the facility within six(6) months of the issuance date of this permit and the data pertaining to the plan maintained on site for at least 5 years. The plan and associated recordkeeping provides documentation of this facility's implementation of its obligation to operate according to good air pollution control practice.

Good air pollution control practice is achieved by adoption of quality control standards in the operation and maintenance procedures for air pollution control that are comparable to industry quality control standards for the production processes associated with this emission point.

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 301

Associated Equipment

Associated Emission Unit ID Numbers: EU301
Emissions Control Equipment ID Number: CE301
Emissions Control Equipment Description: Fabric Filter

Emission Unit vented through this Emission Point: EU301
Emission Unit Description: Product Receiver
Raw Material/Fuel: Sweeteners
Rated Capacity: 3.0 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 680 / PTO 4651
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.01 gr/dscf, 0.28 lb/hr, 1.21 tpy
Authority for Requirement: LCPH ATI 680 / PTO 4651

Pollutant: Particulate Matter
Emission Limit(s): 0.01 gr/dscf, 0.28 lb/hr, 1.21 tpy
Authority for Requirement: LCPH ATI 680 / PTO 4651

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device:
A dust collector shall be used to control PM/PM10 emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.
Authority for Requirement: LCPH ATI 680 / PTO 4651

Operating Condition Monitoring and Recordkeeping:
A log of operation shall be maintained for the operation of the above listed unit.

- Weekly pressure drop readings
- Weekly process rate
- Records of all maintenance and repair completed to the dust collector / baghouse

All monitors shall be easily accessible to air pollution personnel.
All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County AQD and other federal or state air pollution regulatory agencies and/or their authorized representatives.
Authority for Requirement: LCPH ATI 680 / PTO 4651

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height (ft, from ground): 40
Discharge Style: Horizontal
Stack Opening (inches): 12"
Exhaust Temperature (°F): 130
Exhaust Flowrate (acfm): 3605
Authority for Requirement: LCPH ATI 680 / PTO 4651

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements
The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack Testing:
Pollutant – Particulate Matter (PM)
1st Stack Test to be Completed by – October 1, 2006
Test Method – Iowa Compliance Sampling Manual
Authority for Requirement – 567 IAC 22.108(3)

A stack test on emission point 300, 301 or 302 will represent the compliance testing for all three of these units. If the stack test does not show compliance, further evaluation will be required to bring the units into continuous compliance.

The owner of this equipment or the owner's authorized agent shall provide written notice to the Director, not less than 30 days before a required stack test or performance evaluation of a continuous emission monitor. Results of the test shall be submitted in writing to the Director in the form of a comprehensive report within 6 weeks of the completion of the testing. 567 IAC 25.1(7)

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Facility operation and maintenance plans must be sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the applicable requirements.

Facility operation and maintenance plans are to be developed by the facility within six(6) months of the issuance date of this permit and the data pertaining to the plan maintained on site for at least 5 years. The plan and associated recordkeeping provides documentation of this facility's implementation of its obligation to operate according to good air pollution control practice.

Good air pollution control practice is achieved by adoption of quality control standards in the operation and maintenance procedures for air pollution control that are comparable to industry quality control standards for the production processes associated with this emission point.

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 302

Associated Equipment

Associated Emission Unit ID Numbers: EU302
Emissions Control Equipment ID Number: CE302
Emissions Control Equipment Description: Fabric Filter

Emission Unit vented through this Emission Point: EU302
Emission Unit Description: Product Receiver
Raw Material/Fuel: Sweeteners
Rated Capacity: 6.0 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 681 / PTO 4652
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.01 gr/dscf, 0.23 lb/hr, 1.0 tpy
Authority for Requirement: LCPH ATI 681 / PTO 4652

Pollutant: Particulate Matter
Emission Limit(s): 0.01 gr/dscf, 0.23 lb/hr, 1.0 tpy
Authority for Requirement: LCPH ATI 681 / PTO 4652

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device:
A dust collector shall be used to control PM/PM10 emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.
Authority for Requirement: LCPH ATI 681 / PTO 4652

Operating Condition Monitoring and Recordkeeping:
A log of operation shall be maintained for the operation of the above listed unit.

- Weekly pressure drop readings
- Weekly process rate
- Records of all maintenance and repair completed to the dust collector / baghouse

All monitors shall be easily accessible to air pollution personnel.
All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County AQD and other federal or state air pollution regulatory agencies and/or their authorized representatives.
Authority for Requirement: LCPH ATI 681 / PTO 4652

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height (ft, from ground): 40
Discharge Style: Horizontal
Stack Opening (inches): 10.5"
Exhaust Temperature (°F): 105
Exhaust Flowrate (acfm): 2840
Authority for Requirement: LCPH ATI 681 / PTO 4652

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements
The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack Testing:
Pollutant – Particulate Matter (PM)
1st Stack Test to be Completed by – October 1, 2006
Test Method – Iowa Compliance Sampling Manual
Authority for Requirement – 567 IAC 22.108(3)

A stack test on emission point 300, 301 or 302 will represent the compliance testing for all three of these units. If the stack test does not show compliance, further evaluation will be required to bring the units into continuous compliance.

The owner of this equipment or the owner's authorized agent shall provide written notice to the Director, not less than 30 days before a required stack test or performance evaluation of a continuous emission monitor. Results of the test shall be submitted in writing to the Director in the form of a comprehensive report within 6 weeks of the completion of the testing. 567 IAC 25.1(7)

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Facility operation and maintenance plans must be sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the applicable requirements.

Facility operation and maintenance plans are to be developed by the facility within six(6) months of the issuance date of this permit and the data pertaining to the plan maintained on site for at least 5 years. The plan and associated recordkeeping provides documentation of this facility's implementation of its obligation to operate according to good air pollution control practice.

Good air pollution control practice is achieved by adoption of quality control standards in the operation and maintenance procedures for air pollution control that are comparable to industry quality control standards for the production processes associated with this emission point.

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 305

Associated Equipment

Associated Emission Unit ID Numbers: EU305

Emission Unit vented through this Emission Point: EU305
Emission Unit Description: Dryer
Raw Material/Fuel: Food Ingredients
Rated Capacity: 3.5 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 1364 / PTO 4645

Pollutant: Volatile Organic Compounds (VOC)
Emission Limit(s): 224 tpy
Authority for Requirement: LCPH ATI 1364 / PTO 4645
See Plant-Wide Conditions for Plant-Wide VOC limit.

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

See Plant-Wide Conditions section for Facility Operating Limits, Record keeping Requirements and Reporting Requirements that apply to this emission point.

Emission Point Characteristics
This emission point shall conform to the specifications listed below.

Stack Height (feet, from ground): 54
Discharge Style: Vertical, Obstructed
Stack Opening (inches in diameter): 41" x 28"
Exhaust Temperature (°F): 100
Exhaust Flowrate (acfm): 25,000
Authority for Requirement: LCPH ATI 1364 / PTO 4645

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate

may vary with changes in the process and ambient conditions. If it is determined that any of the emission point characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity monitoring is not required at this time.

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 306

Associated Equipment

Associated Emission Unit ID Numbers: EU306

Emission Unit vented through this Emission Point: EU306
Emission Unit Description: Dryer
Raw Material/Fuel: Food Ingredients
Rated Capacity: 3.5 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 1363 / PTO 4646

Pollutant: Volatile Organic Compounds (VOC)
Emission Limit(s): 224 tpy
Authority for Requirement: LCPH ATI 1363 / PTO 4646
See Plant-Wide Conditions for Plant-Wide VOC limit.

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

See Plant-Wide Conditions section for Facility Operating Limits, Record keeping Requirements and Reporting Requirements that apply to this emission point.

Emission Point Characteristics
This emission point shall conform to the specifications listed below.

Stack Height (feet, from ground): 59
Discharge Style: Vertical, Obstructed
Stack Opening (inches in diameter): 41" x 27"
Exhaust Temperature (°F): NA
Exhaust Flowrate (acfm): 25,000
Authority for Requirement: LCPH ATI 1363 / PTO 4646

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity monitoring is not required at this time.

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 307

Associated Equipment

Associated Emission Unit ID Numbers: EU307

Emission Unit vented through this Emission Point: EU307
Emission Unit Description: Backup Generator
Raw Material/Fuel: Diesel Fuel
Rated Capacity: 5.08 MMBtu/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 4607 / PTO 4762
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.70 lb/hr, 0.35 tpy
Authority for Requirement: LCPH ATI 4607 / PTO 4762

Pollutant: Particulate Matter
Emission Limit(s): 0.70 lb/hr, 0.35 tpy
Authority for Requirement: LCPH ATI 4607 / PTO 4762

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 1.5 lb/MMBtu
Authority for Requirement: LCPH ATI 4607 / PTO 4762
LCO 10.12(1)"b"

Pollutant: Nitrogen Oxides (NO_x)
Emission Limit(s): 235 tpy
Authority for Requirement: LCPH ATI 4607 / PTO 4762
See Plant-Wide Conditions for Plant-Wide NO_x limit.

Pollutant: Volatile Organic Compounds (VOC)
Emission Limit(s): 0.45 lb/hr, 0.22 tpy
Authority for Requirement: LCPH ATI 4607 / PTO 4762

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

See Plant-Wide Conditions section for Facility Operating Limits, Record keeping Requirements and Reporting Requirements that apply to this emission point.

NSPS and NESHAP Applicability:

New Source Performance Standards and National Emission Standards for Hazardous Air Pollutants do not apply to this source at this time.
Authority for Requirement: LCPH ATI 4607 / PTO 4762

Operating Limits:

- This source shall be limited to 1000 hours of operation per year calculated on a 12-month rolling total.
- Fuel use in this unit shall be either #1 or #2 grade diesel fuel only, with a maximum concentration of 0.5% sulfur by weight.

Authority for Requirement: LCPH ATI 4607 / PTO 4762

Operating Condition Monitoring and Recordkeeping:

A log of operation shall be maintained for the operation of the above listed unit.

- Total hours of engine operation per year calculated on a 12-month rolling total.
- Type of fuel burned and sulfur concentration by weight.

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County AQD and other federal or state air pollution regulatory agencies and/or their authorized representatives.
Authority for Requirement: LCPH ATI 4607 / PTO 4762

Emission Point Characteristics

This emission point shall conform to the specifications listed below.

Stack Height (feet, from ground): 50
Discharge Style: Vertical
Stack Opening (inches in diameter): 12
Exhaust Temperature (°F): 702
Exhaust Flowrate (scfm): 3920
Authority for Requirement: LCPH ATI 4607 / PTO 4762

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 309

Associated Equipment

Associated Emission Unit ID Numbers: EU309

Emission Unit vented through this Emission Point: EU309
Emission Unit Description: Dryer
Raw Material/Fuel: Food Ingredients
Rated Capacity: 5.0 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 3906 / PTO 4647

Pollutant: Volatile Organic Compounds (VOC)
Emission Limit(s): 224 tpy
Authority for Requirement: LCPH ATI 3906 / PTO 4647
See Plant-Wide Conditions for Plant-Wide VOC limit.

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

See Plant-Wide Conditions section for Facility Operating Limits, Record keeping Requirements and Reporting Requirements that apply to this emission point.

Emission Point Characteristics
This emission point shall conform to the specifications listed below.

Stack Height (feet, from ground): 55
Discharge Style: Vertical, Obstructed
Stack Opening (inches in diameter): 51" x 38"
Exhaust Temperature (°F): 100
Exhaust Flowrate (acfm): 32,000
Authority for Requirement: LCPH ATI 3906 / PTO 4647

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity monitoring is not required at this time.

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 313

Associated Equipment

Associated Emission Unit ID Numbers: EU313

Emission Unit vented through this Emission Point: EU313
Emission Unit Description: Boiler #3
Raw Material/Fuel: Natural Gas, Propane
Rated Capacity: 48.25 MMBtu/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 2533 / PTO 4583
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.36 lb/hr, 1.57 tpy
Authority for Requirement: LCPH ATI 2533 / PTO 4583

Pollutant: PM-10
Emission Limit(s): 0.278 lb/MMBtu
Authority for Requirement: LCPH ATI 2533 / PTO 4583
LCO 10.8(2)"b"

Pollutant: Particulate Matter
Emission Limit(s): 0.36 lb/hr, 1.57 tpy
Authority for Requirement: LCPH ATI 2533 / PTO 4583

Pollutant: Particulate Matter
Emission Limit(s): 0.278 lb/MMBtu
Authority for Requirement: LCPH ATI 2533 / PTO 4583
LCO 10.8(2)"b"

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 0.04 lb/hr, 0.17 tpy
Authority for Requirement: LCPH ATI 2533 / PTO 4583

Pollutant: Nitrogen Oxides (NO_x)
Emission Limit(s): 235 tpy
Authority for Requirement: LCPH ATI 2533 / PTO 4583
See Plant-Wide Conditions for Plant-Wide NO_x limit.

Pollutant: Carbon Monoxide (CO)
Emission Limit(s): 3.97 lb/hr, 17.40 tpy
Authority for Requirement: LCPH ATI 2533 / PTO 4583

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

See Plant-Wide Conditions section for Facility Operating Limits, Record keeping Requirements and Reporting Requirements that apply to this emission point.

NSPS and NESHAP Applicability:
- This emission point is subject to the New Source Performance Standard Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units.
- This emission point is not subject to National Emission Standards for Hazardous Air Pollutants at this time.

Authority for Requirement: LCPH ATI 2533 / PTO 4583

Operating Condition Monitoring and Record keeping:
A log of operation shall be maintained for the operation of the above listed unit.
- The owner/operator of each affected facility shall record and maintain records of the amounts of each fuel combusted during each day.*

*The facility may request monthly recordkeeping in lieu of daily records. Such a request must be submitted and approved by this office. The facility must specify how the total fuel usage will be apportioned to individual units if a single fuel flow meter is used to measure the amount of fuel burned in multiple boilers (EPA Determination Detail, Control Number 0200005).
- All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

Authority for Requirement: LCPH ATI 2533 / PTO 4583

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height (feet, from ground): 104
Discharge Style: Vertical, Obstructed
Stack Opening (inches, diameter): 36
Stack Temperature (°F): 450
Stack Exhaust Flow Rate (scfm): 5669
Authority for Requirement: LCPH ATI 2533 / PTO 4583

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:

The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.

Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 321

Associated Equipment

Associated Emission Unit ID Numbers: EU321

Emission Unit vented through this Emission Point: EU321
Emission Unit Description: Water Heater
Raw Material/Fuel: Natural Gas, Propane
Rated Capacity: 21 MMBtu/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 3886 / PTO 4584
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.16 lb/hr, 0.69 tpy
Authority for Requirement: LPCH ATI 3886 / PTO 4584

Pollutant: PM-10
Emission Limit(s): 0.6 lb/MMBtu
Authority for Requirement: LCPH ATI 3886 / PTO 4584

Pollutant: Particulate Matter
Emission Limit(s): 0.16 lb/hr, 0.69 tpy
Authority for Requirement: LCPH ATI 3886 / PTO 4584

Pollutant: Particulate Matter
Emission Limit(s): 0.6 lb/MMBtu
Authority for Requirement: LCPH ATI 3886 / PTO 4584
LCO 10.8(2)"b"

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 0.02 lb/hr, 0.08 tpy
Authority for Requirement: LCPH ATI 3886 / PTO 4584

Pollutant: Nitrogen Oxides (NO_x)
Emission Limit(s): 235 tpy
Authority for Requirement: LCPH ATI 3886 / PTO 4584
See Plant-Wide Conditions for Plant-Wide NO_x limit.

Pollutant: Carbon Monoxide (CO)
Emission Limit(s): 1.73 lb/hr, 7.57 tpy
Authority for Requirement: LCPH ATI 3886 / PTO 4584

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

See Plant-Wide Conditions section for Facility Operating Limits, Record keeping Requirements and Reporting Requirements that apply to this emission point.

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height (feet, from ground): 59
Discharge Style: Vertical, Unobstructed
Stack Opening (inches, diameter): 42
Exhaust Temperature (°F): 160
Exhaust Flowrate (scfm): 3932
Authority for Requirement: LCPH ATI 3886 / PTO 4584

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements
The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 322

Associated Equipment

Associated Emission Unit ID Numbers: EU322

Emission Unit vented through this Emission Point: EU322
Emission Unit Description: Water Heater
Raw Material/Fuel: Natural Gas, Propane
Rated Capacity: 21 MMBtu/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 3887 / PTO 4585
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.16 lb/hr, 0.69 tpy
Authority for Requirement: LCPH ATI 3887 / PTO 4585

Pollutant: PM-10
Emission Limit(s): 0.6 lb/MMBtu
Authority for Requirement: LPCH ATI 3887 / PTO 4585

Pollutant: Particulate Matter
Emission Limit(s): 0.16 lb/hr, 0.69 tpy
Authority for Requirement: LCPH ATI 3887 / PTO 4585

Pollutant: Particulate Matter
Emission Limit(s): 0.6 lb/MMBtu
Authority for Requirement: LCPH ATI 3887 / PTO 4585
LCO 10.8(2)"b"

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 0.02 lb/hr, 0.08 tpy
Authority for Requirement: LCPH ATI 3887 / PTO 4585

Pollutant: Nitrogen Oxides (NO_x)
Emission Limit(s): 235 tpy
Authority for Requirement: LCPH ATI 3887 / PTO 4585
See Plant-Wide Conditions for Plant-Wide NO_x limit.

Pollutant: Carbon Monoxide (CO)
Emission Limit(s): 1.73 lb/hr, 7.57 tpy
Authority for Requirement: LCPH ATI 3887 / PTO 4585

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

See Plant-Wide Conditions section for Facility Operating Limits, Record keeping Requirements and Reporting Requirements that apply to this emission point.

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height (feet, from ground): 59
Discharge Style: Vertical, Unobstructed
Stack Opening (inches, diameter): 42
Exhaust Temperature (°F): 160
Exhaust Flowrate (scfm): 3932
Authority for Requirement: LCPH ATI 3887 / PTO 4585

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements
The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 324

Associated Equipment

Associated Emission Unit ID Numbers: EU324

Emission Unit vented through this Emission Point: EU324
Emission Unit Description: Dryer
Raw Material/Fuel: Food Ingredients
Rated Capacity: 2.0 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 3903 / PTO 4648

Pollutant: Volatile Organic Compounds (VOC)
Emission Limit(s): 224 tpy
Authority for Requirement: LCPH ATI 3903 / PTO 4648
See Plant-Wide Conditions for Plant-Wide VOC limit.

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

See Plant-Wide Conditions section for Facility Operating Limits, Record keeping Requirements and Reporting Requirements that apply to this emission point.

Emission Point Characteristics
This emission point shall conform to the specifications listed below.

Stack Height (feet, from ground): 38
Discharge Style: Vertical, Obstructed
Stack Opening (inches in diameter): 38"
Exhaust Temperature (°F): 100
Exhaust Flowrate (acfm): 12,000
Authority for Requirement: LCPH ATI 3903 / PTO 4648

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity monitoring is not required at this time.

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 325

Associated Equipment

Associated Emission Unit ID Numbers: EU325

Emission Unit vented through this Emission Point: EU325
Emission Unit Description: Dryer
Raw Material/Fuel: Food Ingredients
Rated Capacity: 1.5 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 3904 / PTO 4649

Pollutant: Volatile Organic Compounds (VOC)
Emission Limit(s): 224 tpy
Authority for Requirement: LCPH ATI 3904 / PTO 4649
See Plant-Wide Conditions for Plant-Wide VOC limit.

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

See Plant-Wide Conditions section for Facility Operating Limits, Record keeping Requirements and Reporting Requirements that apply to this emission point.

Emission Point Characteristics
This emission point shall conform to the specifications listed below.

Stack Height (feet, from ground): 33
Discharge Style: Vertical, Obstructed
Stack Opening (inches in diameter): 24"
Exhaust Temperature (°F): 100
Exhaust Flowrate (acfm): 8,000
Authority for Requirement: LCPH ATI 3904 / PTO 4649

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity monitoring is not required at this time.

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 327

Associated Equipment

Associated Emission Unit ID Numbers: EU327

Emission Unit vented through this Emission Point: EU327
Emission Unit Description: Boiler #4
Raw Material/Fuel: Natural Gas, Propane
Rated Capacity: 48.3 MMBtu/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 4009 / PTO 4586
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.36 lb/hr, 1.58 tpy
Authority for Requirement: LCPH ATI 4009 / PTO 4586

Pollutant: PM-10
Emission Limit(s): 0.278 lb/MMBtu
Authority for Requirement: LCPH ATI 4009 / PTO 4586

Pollutant: Particulate Matter
Emission Limit(s): 0.36 lb/hr, 1.58 tpy
Authority for Requirement: LCPH ATI 4009 / PTO 4586

Pollutant: Particulate Matter
Emission Limit(s): 0.278 lb/MMBtu
Authority for Requirement: LCPH ATI 4009 / PTO 4586
LCO 10.8(2)"b"

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 0.04 lb/hr, 0.17 tpy
Authority for Requirement: LCPH ATI 4009 / PTO 4586

Pollutant: Nitrogen Oxides (NOx)
Emission Limit(s): 235 tpy
Authority for Requirement: LCPH ATI 4009 / PTO 4586

Pollutant: Carbon Monoxide (CO)
Emission Limit(s): 3.98 lb/hr, 17.42 tpy
Authority for Requirement: LCPH ATI 4009 / PTO 4586

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

See Plant-Wide Conditions section for Facility Operating Limits, Record keeping Requirements and Reporting Requirements that apply to this emission point.

NSPS and NESHAP Applicability:
- This emission point is subject to New Source Performance Standard Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units.
- This emission point is not subject to National Emission Standards for Hazardous Air Pollutants at this time.

Authority for Requirement: LCPH ATI 4009 / PTO 4586

Operating Condition Monitoring and Recordkeeping:
A log of operation shall be maintained for the operation of the above listed unit.
- The owner/operator of each affected facility shall record and maintain records of the amounts of each fuel combusted during each day.*

*The facility may request monthly recordkeeping in lieu of daily records. Such a request must be submitted and approved by this office. The facility must specify how the total fuel usage will be apportioned to individual units if a single fuel flow meter is used to measure the amount of fuel burned in multiple boilers (EPA Determination Detail, Control Number 0200005).
- All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

Authority for Requirement: LCPH ATI 4009 / PTO 4586

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height (feet, from ground): 97
Discharge Style: Vertical, Unobstructed
Stack Opening (inches, diameter): 36
Exhaust Temperature (°F): 450
Exhaust Flowrate (scfm): 5689
Authority for Requirement: LCPH ATI 4009 / PTO 4586

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:

The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.

Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 328

Associated Equipment

Associated Emission Unit ID Numbers: EU328
Emissions Control Equipment ID Number: CE328
Emissions Control Equipment Description: Central Vacuum Collector

Emission Unit vented through this Emission Point: EU328
Emission Unit Description: Central Vacuum System
Raw Material/Fuel: Mixed Ingredients
Rated Capacity: 1 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 4090 / PTO 4125
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.02 gr/dscf, 0.38 tpy
Authority for Requirement: LCPH ATI 4090 / PTO 4125

Pollutant: Particulate Matter
Emission Limit(s): 0.1 gr/dscf
Authority for Requirement: 567 IAC 23.3(2)"a"(2)
LCO 10.9(1)"a"

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device:
A baghouse shall be used to control particulate emissions. The control equipment shall be maintained on this source in a good operating condition at all times. All appropriate probes and gauges needed to measure the parameters outlined in "Record keeping Requirements" shall be installed and maintained in a good operating condition.
Authority for Requirement: LCPH ATI 4090 / PTO 4125

Operating Limits:
The maximum flow rate shall be 500 scfm.
Authority for Requirement: LCPH ATI 4090 / PTO 4125

Record keeping Requirements:
A log of operation shall be maintained for the above listed unit. The following information shall be recorded and kept on site for a period of no less than five years.

- Records of all maintenance and repair completed on the control device.

These records shall be available on site at all times for viewing by air pollution control personnel.
Authority for Requirement: LCPH ATI 4090 / PTO 4125

Monitoring Requirements
The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time. If the unit operates more than 5000 hr/yr, a stack test for particulate matter will be required on this emission point.

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Facility operation and maintenance plans must be sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the applicable requirements.

Facility operation and maintenance plans are to be developed by the facility within six (6) months of the issuance date of this permit and the data pertaining to the plan maintained on site for at least 5 years. The plan and associated record keeping provides documentation of this facility's implementation of its obligation to operate according to good air pollution control practice.

Good air pollution control practice is achieved by adoption of quality control standards in the operation and maintenance procedures for air pollution control that are comparable to industry quality control standards for the production processes associated with this emission point.

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 330

Associated Equipment

Associated Emission Unit ID Numbers: EU330

Emission Unit vented through this Emission Point: EU330
Emission Unit Description: Standby Generator
Raw Material/Fuel: Diesel Fuel
Rated Capacity: 8.2 MMBtu/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 4144 / PTO 4644
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 1.15 lb/hr, 0.57 tpy
Authority for Requirement: LCPH ATI 4144 / PTO 4644

Pollutant: Particulate Matter
Emission Limit(s): 1.15 lb/hr, 0.57 tpy
Authority for Requirement: LCPH ATI 4144 / PTO 4644

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 1.5 lb/MMBtu when burning liquid fuels
Authority for Requirement: LCPH ATI 4144 / PTO 4644
LCO 10.12(1)"b"

Pollutant: Nitrogen Oxides (NO_x)
Emission Limit(s): 235 tpy
Authority for Requirement: LCPH ATI 4144 / PTO 4644
See Plant-Wide Conditions for Plant-Wide NO_x limit.

Pollutant: Volatile Organic Compounds (VOC)
Emission Limit(s): 0.74 lb/hr, 0.37 tpy
Authority for Requirement: LCPH ATI 4144 / PTO 4644

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

See Plant-Wide Conditions section for Facility Operating Limits, Record keeping Requirements and Reporting Requirements that apply to this emission point.

Operating Limits:

- This source shall be limited to 1000 hours of operation per year calculated on a 12-month rolling total.
- Fuel use in this unit shall be either #1 or #2 grade diesel fuel only, with a maximum concentration of 0.5% sulfur by weight.

Authority for Requirement: LCPH ATI 4144 / PTO 4644

Operating Condition Monitoring and Recordkeeping:

A log of operation shall be maintained for the operation of the above listed unit.

- Total hours of engine operation per year calculated on a 12-month rolling total.
- Type of fuel burned and sulfur concentration by weight

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and/or their authorized representatives.
Authority for Requirement: LCPH ATI 4144 / PTO 4644

Emission Point Characteristics

This emission point shall conform to the specifications listed below.

Stack Height (feet from ground): 42
Discharge Style: Vertical
Stack Opening (inches in diameter): 12
Exhaust Temperature (°F): 981
Exhaust Flowrate (scfm): 6381
Authority for Requirement: LCPH ATI 4144 / PTO 4644

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity monitoring is not required at this time.

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 339

Associated Equipment

Associated Emission Unit ID Numbers: EU339
Emissions Control Equipment ID Number: CE339
Emissions Control Equipment Description: Dust Collector

Emission Unit vented through this Emission Point: EU339
Emission Unit Description: Material Conditioner
Raw Material/Fuel: Starch
Rated Capacity: 25.2 ton/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 4244 / PTO 4518
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.0075 gr/scf, 0.771 lb/hr, 3.38 tpy
Authority for Requirement: LCPH ATI 4244 / PTO 4518

Pollutant: Particulate Matter
Emission Limit(s): 0.0075 gr/scf, 0.771 lb/hr, 3.38 tpy
Authority for Requirement: LCPH ATI 4244 / PTO 4518

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device:
A dust collector shall be used to control PM/PM10 emissions. The control equipment shall be maintained properly and operated at all times while the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Record keeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.
Authority for Requirement: LCPH ATI 4244 / PTO 4518

Operating Condition Monitoring and Record keeping:
The following information shall be monitored and recorded:

- Weekly pressure drop readings
- Weekly drying rate
- Records of all maintenance and repair completed to the scrubber
- Copies of test results shall be retained until a new approved representative test is conducted or for 5 years, whichever is longer.

All monitors shall be easily accessible to air pollution personnel. All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and/or their authorized representatives.
Authority for Requirement: LCPH ATI 4244 / PTO 4518

Emission Point Characteristics
This emission point shall conform to the specifications listed below.

Stack Height (feet from ground): 48
Discharge Style: Vertical
Stack Opening (inches in diameter): 25
Exhaust Temperature (°F): 85-100
Exhaust Flowrate (scfm): 12,000
Authority for Requirement: LCPH ATI 4244 / PTO 4518

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements
The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity Monitoring:
The facility shall check the opacity weekly during a period when the emission unit on this emission point is at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required.

If an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If

weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.
Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Facility operation and maintenance plans must be sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the applicable requirements.

Facility operation and maintenance plans are to be developed by the facility within six(6) months of the issuance date of this permit and the data pertaining to the plan maintained on site for at least 5 years. The plan and associated recordkeeping provides documentation of this facility's implementation of its obligation to operate according to good air pollution control practice.

Good air pollution control practice is achieved by adoption of quality control standards in the operation and maintenance procedures for air pollution control that are comparable to industry quality control standards for the production processes associated with this emission point.

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 998

Associated Equipment

Associated Emission Unit ID Numbers: EU998

Emission Unit vented through this Emission Point: EU998
Emission Unit Description: Temporary Portable Boiler
Raw Material/Fuel: Natural Gas, Propane
Rated Capacity: 99.99 MMBtu/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 20%
Authority for Requirement: LCPH ATI 3767 / PTO 4642
LCO 10.7

Pollutant: PM-10
Emission Limit(s): 0.75 lb/hr, 0.75 tpy
Authority for Requirement: LCPH ATI 3767 / PTO 4642

Pollutant: Particulate Matter
Emission Limit(s): 0.75 lb/hr, 0.75 tpy
Authority for Requirement: LCPH ATI 3767 / PTO 4642

Pollutant: Sulfur Dioxide (SO2)
Emission Limit(s): 0.08 lb/hr, 0.08 tpy
Authority for Requirement: LCPH ATI 3767 / PTO 4642

Pollutant: Nitrogen Oxides (NO_x)
Emission Limit(s): 235 tpy
Authority for Requirement: LCPH ATI 3767 / PTO 4642
See Plant-Wide Conditions for Plant-Wide NO_x limit.

Operational Limits & Requirements
The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

See Plant-Wide Conditions section for Facility Operating Limits, Record keeping Requirements and Reporting Requirements that apply to this emission point.

NSPS and NESHAP Applicability:

- This emission point will be subject to New Source Performance Standard Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units when it is installed.
- This emission point is not subject to National Emission Standards for Hazardous Air Pollutants at this time.

Authority for Requirement: LCPH ATI 3767 / PTO 4642

Operating Limits:

- This unit shall be limited to 2000 hours of operation per year calculated on a 12-month rolling total.
- This unit shall burn propane and/or natural gas only.
- The temporary boiler shall have a maximum energy input capacity no greater than 100 MMBtu/hr.

Authority for Requirement: LCPH ATI 3767 / PTO 4642

Operating Condition Monitoring and Recordkeeping:

- Record monthly the total hours of operation per year based on a 12-month rolling total.
- The owner or operator of each affected facility shall record and maintain records of the amounts of each fuel combusted during each day. [(1)]

[(1)]The facility may request monthly recordkeeping in lieu of daily records. Such a request must be submitted and approved by this office. The facility must specify how the total fuel usage will be apportioned to individual units if a single fuel flow meter is used to measure the amount of fuel burned in multiple boiler (EPA Determination Detail, Control Number 0200005).

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.
Authority for Requirement: LCPH ATI 3767 / PTO 4642

Report Requirements:

The following information shall be submitted to this department.

- Submit information pertaining to the make, model, manufacturer equipment / performance summary and manufacturer emission data for the temporary portable boiler unit that is to be operated. This information should be postmarked at least 20 days prior to the equipment arriving to the facility .
- The owner or operator of each affected facility shall submit notification of the date of construction or reconstruction, anticipated startup, and actual startup. This notification shall include:
  (1) The design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility.
  (2) The annual capacity factor at which the owner or operator anticipates operating the affected facility based on all fuels fired and based on each individual fuel fired.
- The actual date that the unit is shutdown / taken out of service postmarked within 15 days from that occurrence.

Authority for Requirement: LCPH ATI 3767 / PTO 4642

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack testing is not required at this time.

Opacity monitoring is not required at this time.

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

IV. General Conditions

This permit is issued under the authority of the Iowa Code subsection 455B.133(8) and in accordance with 567 Iowa Administrative Code chapter 22.

G1. Duty to Comply

1. The permittee must comply with all conditions of the Title V permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action; for a permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. *567 IAC 22.108(9)"a"*
2. Any compliance schedule shall be supplemental to, and shall not sanction noncompliance with, the applicable requirements on which it is based. *567 IAC 22.105 (2)"h"(3)*
3. Where an applicable requirement of the Act is more stringent than an applicable requirement of regulations promulgated under Title IV of the Act, both provisions shall be enforceable by the administrator and are incorporated into this permit. *567 IAC 22.108 (1)"b"*
4. Unless specified as either "state enforceable only" or "local program enforceable only", all terms and conditions in the permit, including provisions to limit a source's potential to emit, are enforceable by the administrator and citizens under the Act. *567 IAC 22.108 (14)*
5. It shall not be a defense for a permittee, in an enforcement action, that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. *567 IAC 22.108 (9)"b"*

G2. Permit Expiration

1. Except as provided in 567 IAC 22.104, the expiration of this permit terminates the permittee's right to operate unless a timely and complete application has been submitted for renewal. Any testing required for renewal shall be completed before the application is submitted. *567 IAC 22.116(2)*
2. To be considered timely, the owner, operator, or designated representative (where applicable) of each source required to obtain a Title V permit shall present or mail the Air Quality Bureau, Iowa Department of Natural Resources, Air Quality Bureau, 7900 Hickman Rd, Suite #1, Urbandale, Iowa 50322, two copies (three if your facility is located in Linn or Polk county) of a complete permit application, at least 6 months but not more than 18 months prior to the date of permit expiration. An additional copy must also be sent to EPA Region VII, Attention: Chief of Air Permits, 901 N. 5th St., Kansas City, KS 66101. The application must include all emission points, emission units, air pollution control equipment, and monitoring devices at the facility. All emissions generating activities, including fugitive emissions, must be included. The definition of a complete application is as indicated in 567 IAC 22.105(2). *567 IAC 22.105*

G3. Certification Requirement for Title V Related Documents

Any application, report, compliance certification or other document submitted pursuant to this permit shall contain certification by a responsible official of truth, accuracy, and completeness. All certifications shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. *567 IAC 22.107 (4)*

G4. Annual Compliance Certification

By March 31 of each year, the permittee shall submit compliance certifications for the previous calendar year. The certifications shall include descriptions of means to monitor the compliance status of all emissions sources including emissions limitations, standards, and work practices in accordance with applicable requirements. The certification for a source shall include the identification of each term or condition of the permit that is the basis of the certification; the compliance status; whether compliance was continuous or intermittent; the method(s) used for

determining the compliance status of the source, currently and over the reporting period consistent with all applicable department rules. For sources determined not to be in compliance at the time of compliance certification, a compliance schedule shall be submitted which provides for periodic progress reports, dates for achieving activities, milestones, and an explanation of why any dates were missed and preventive or corrective measures. The compliance certification shall be submitted to the administrator, director, and the appropriate DNR Field office. *567 IAC 22.108 (15)"e"*

G5. Semi-Annual Monitoring Report

By March 31 and September 30 of each year, the permittee shall submit a report of any monitoring required under this permit for the 6 month periods of July 1 to December 31 and January 1 to June 30, respectively. All instances of deviations from permit requirements must be clearly identified in these reports, and the report must be signed by a responsible official, consistent with 567 IAC 22.107(4). The semi-annual monitoring report shall be submitted to the director and the appropriate DNR Field office. *567 IAC 22.108 (5)*

G6. Annual Fee

1. The permittee is required under subrule 567 IAC 22.106 to pay an annual fee based on the total tons of actual emissions of each regulated air pollutant. Beginning July 1, 1996, Title V operating permit fees will be paid on July 1 of each year. The fee shall be based on emissions for the previous calendar year.
2. The fee amount shall be calculated based on the first 4,000 tons of each regulated air pollutant emitted each year. The fee to be charged per ton of pollutant will be available from the department by June 1 of each year. The Responsible Official will be advised of any change in the annual fee per ton of pollutant.
3. The following forms shall be submitted annually by March 31 documenting actual emissions for the previous calendar year.
    a. Form 1.0 "Facility Identification";
    b. Form 4.0 "Emissions unit-actual operations and emissions" for each emission unit;
    c. Form 5.0 "Title V annual emissions summary/fee"; and
    d. Part 3 "Application certification."
4. The fee shall be submitted annually by July 1. The fee shall be submitted with the following forms:
    a. Form 1.0 "Facility Identification";
    b. Form 5.0 "Title V annual emissions summary/fee";
    c. Part 3 "Application certification."
5. If there are any changes to the emission calculation form, the department shall make revised forms available to the public by January 1. If revised forms are not available by January 1, forms from the previous year may be used and the year of emissions documented changed. The department shall calculate the total statewide Title V emissions for the prior calendar year and make this information available to the public no later than April 30 of each year.
6. Phase I acid rain affected units under section 404 of the Act shall not be required to pay a fee for emissions which occur during the years 1993 through 1999 inclusive.
7. The fee for a portable emissions unit or stationary source which operates both in Iowa and out of state shall be calculated only for emissions from the source while operating in Iowa.
8. Failure to pay the appropriate Title V fee represents cause for revocation of the Title V permit as indicated in 567 IAC 22.115(1)"d".

G7. Inspection of Premises, Records, Equipment, Methods and Discharges
Upon presentation of proper credentials and any other documents as may be required by law, the permittee shall allow the director or the director's authorized representative to:
1. Enter upon the permittee's premises where a Title V source is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
3. Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
4. Sample or monitor, at reasonable times, substances or parameters for the purpose of ensuring compliance with the permit or other applicable requirements. *567 IAC 22.108 (15)"b"*

G8. Duty to Provide Information
The permittee shall furnish to the director, within a reasonable time, any information that the director may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee also shall furnish to the director copies of records required to be kept by the permit, or for information claimed to be confidential, the permittee shall furnish such records directly to the administrator of EPA along with a claim of confidentiality. *567 IAC 22.108 (9)"e"*

G9. General Maintenance and Repair Duties
The owner or operator of any air emission source or control equipment shall:
1. Maintain and operate the equipment or control equipment at all times in a manner consistent with good practice for minimizing emissions.
2. Remedy any cause of excess emissions in an expeditious manner.
3. Minimize the amount and duration of any excess emission to the maximum extent possible during periods of such emissions. These measures may include but not be limited to the use of clean fuels, production cutbacks, or the use of alternate process units or, in the case of utilities, purchase of electrical power until repairs are completed.
4. Schedule, at a minimum, routine maintenance of equipment or control equipment during periods of process shutdowns to the maximum extent possible. *567 IAC 24.2(1)*

G10. Recordkeeping Requirements for Compliance Monitoring
1. In addition to any source specific recordkeeping requirements contained in this permit, the permittee shall maintain the following compliance monitoring records, where applicable:
    a. The date, place and time of sampling or measurements
    b. The date the analyses were performed.
    c. The company or entity that performed the analyses.
    d. The analytical techniques or methods used.
    e. The results of such analyses; and
    f. The operating conditions as existing at the time of sampling or measurement.
    g. The records of quality assurance for continuous compliance monitoring systems (including but not limited to quality control activities, audits and calibration drifts.)
2. The permittee shall retain records of all required compliance monitoring data and support information for a period of at least 5 years from the date of compliance monitoring sample, measurement report or application. Support information includes all calibration and maintenance records and all original strip chart recordings for continuous compliance monitoring, and copies of all reports required by the permit.
3. For any source which in its application identified reasonably anticipated alternative operating scenarios, the permittee shall:

a. Comply with all terms and conditions of this permit specific to each alternative scenario.

b. Maintain a log at the permitted facility of the scenario under which it is operating.

c. Consider the permit shield, if provided in this permit, to extend to all terms and conditions under each operating scenario. *567 IAC 22.108(4), 567 IAC 22.108(12)*

G11. Evidence used in establishing that a violation has or is occurring.

Notwithstanding any other provisions of these rules, any credible evidence may be used for the purpose of establishing whether a person has violated or is in violation of any provisions herein.

1. Information from the use of the following methods is presumptively credible evidence of whether a violation has occurred at a source:

a. A monitoring method approved for the source and incorporated in an operating permit pursuant to 567 Chapter 22;

b. Compliance test methods specified in 567 Chapter 25; or

c. Testing or monitoring methods approved for the source in a construction permit issued pursuant to 567 Chapter 22.

2. The following testing, monitoring or information gathering methods are presumptively credible testing, monitoring, or information gathering methods:

a. Any monitoring or testing methods provided in these rules; or

b. Other testing, monitoring, or information gathering methods that produce information comparable to that produced by any method in subrule 21.5(1) or this subrule. *567 IAC 21.5(1)-567 IAC 21.5(2)*

G12. Prevention of Accidental Release: Risk Management Plan Notification and Compliance Certification

If the permittee is required to develop and register a risk management plan pursuant to section 112(r) of the Act, the permittee shall notify the department of this requirement. The plan shall be filed with all appropriate authorities by the deadline specified by EPA. A certification that this risk management plan is being properly implemented shall be included in the annual compliance certification of this permit. *567 IAC 22.108(6)*

G13. Hazardous Release

The permittee must report any situation involving the actual, imminent, or probable release of a hazardous substance into the atmosphere which, because of the quantity, strength and toxicity of the substance, creates an immediate or potential danger to the public health, safety or to the environment. A verbal report shall be made to the department at (515) 281-8694 and to the local police department or the office of the sheriff of the affected county as soon as possible but not later than six hours after the discovery or onset of the condition. This verbal report must be followed up with a written report as indicated in 567 IAC 131.2(2). *567 IAC Chapter 131-State Only*

G14. Excess Emissions and Excess Emissions Reporting Requirements

1. Excess Emissions. Excess emission during a period of startup, shutdown, or cleaning of control equipment is not a violation of the emission standard if the startup, shutdown or cleaning is accomplished expeditiously and in a manner consistent with good practice for minimizing emissions. Cleaning of control equipment which does not require the shutdown of the process equipment shall be limited to one six-minute period per one-hour period. An incident of excess emission (other than an incident during startup, shutdown or cleaning of control equipment) is a violation. If the owner or operator of a source maintains that the incident of excess emission was due to a malfunction, the owner or operator must show that the conditions which caused the incident of excess emission were not preventable by reasonable maintenance and control

measures. Determination of any subsequent enforcement action will be made following review of this report. If excess emissions are occurring, either the control equipment causing the excess emission shall be repaired in an expeditious manner or the process generating the emissions shall be shutdown within a reasonable period of time. An expeditious manner is the time necessary to determine the cause of the excess emissions and to correct it within a reasonable period of time. A reasonable period of time is eight hours plus the period of time required to shut down the process without damaging the process equipment or control equipment. In the case of an electric utility, a reasonable period of time is eight hours plus the period of time until comparable generating capacity is available to meet consumer demand with the affected unit out of service, unless, the director shall, upon investigation, reasonably determine that continued operation constitutes an unjustifiable environmental hazard and issue an order that such operation is not in the public interest and require a process shutdown to commence immediately.

2. Excess Emissions Reporting

a. Oral Reporting of Excess Emissions. An incident of excess emission (other than an incident of excess emission during a period of startup, shutdown, or cleaning) shall be reported to the appropriate field office of the department within eight hours of, or at the start of the first working day following the onset of the incident. The reporting exemption for an incident of excess emission during startup, shutdown or cleaning does not relieve the owner or operator of a source with continuous monitoring equipment of the obligation of submitting reports required in 567-subrule 25.1(6). An oral report of excess emission is not required for a source with operational continuous monitoring equipment (as specified in 567-subrule 25.1(1)) if the incident of excess emission continues for less than 30 minutes and does not exceed the applicable visible emission standard by more than 10 percent opacity. The oral report may be made in person or by telephone and shall include as a minimum the following:

i. The identity of the equipment or source operation from which the excess emission originated and the associated stack or emission point.

ii. The estimated quantity of the excess emission.

iii. The time and expected duration of the excess emission.

iv. The cause of the excess emission.

v. The steps being taken to remedy the excess emission.

vi. The steps being taken to limit the excess emission in the interim period.

b. Written Reporting of Excess Emissions. A written report of an incident of excess emission shall be submitted as a follow-up to all required oral reports to the department within seven days of the onset of the upset condition, and shall include as a minimum the following:

i. The identity of the equipment or source operation point from which the excess emission originated and the associated stack or emission point.

ii. The estimated quantity of the excess emission.

iii. The time and duration of the excess emission.

iv. The cause of the excess emission.

v. The steps that were taken to remedy and to prevent the recurrence of the incident of excess emission.

vi. The steps that were taken to limit the excess emission.

vii. If the owner claims that the excess emission was due to malfunction, documentation to support this claim. *567 IAC 24.1(1)-567 IAC 24.1(4)*

3. Emergency Defense for Excess Emissions. For the purposes of this permit, an "emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the permit due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include non-compliance, to the extent caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation or operator error. An emergency constitutes an affirmative defense to an action brought for non-compliance with technology based limitations if it can be demonstrated through properly signed contemporaneous operating logs or other relevant evidence that:

a. An emergency occurred and that the permittee can identify the cause(s) of the emergency;

b. The facility at the time was being properly operated;

c. During the period of the emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements of the permit; and

d. The permittee submitted notice of the emergency to the director by certified mail within two working days of the time when the emissions limitations were exceeded due to the emergency. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken. *567 IAC 22.108(16)*

G15. Permit Deviation Reporting Requirements

A deviation is any failure to meet a term, condition or applicable requirement in the permit. Reporting requirements for deviations that result in a hazardous release or excess emissions have been indicated above (see G13 and G14). Unless more frequent deviation reporting is specified in the permit, any other deviation shall be documented in the semi-annual monitoring report and the annual compliance certification (see G4 and G5). *567 IAC 22.108(5)"b"*

G16. Notification Requirements for Sources That Become Subject to NSPS and NESHAP Regulations

During the term of this permit, the permittee must notify the department of any source that becomes subject to a standard or other requirement under 567-subrule 23.1(2) (standards of performance of new stationary sources) or section 111 of the Act; or 567-subrule 23.1(3) (emissions standards for hazardous air pollutants), 567-subrule 23.1(4) (emission standards for hazardous air pollutants for source categories) or section 112 of the Act. This notification shall be submitted in writing to the department pursuant to the notification requirements in 40 CFR Section 60.7, 40 CFR Section 61.07, and/or 40 CFR Section 63.9. *567 IAC 23.1(2), 567 IAC 23.1(3), 567 IAC 23.1(4)*

G17. Requirements for Making Changes to Emission Sources That Do Not Require Title V Permit Modification

1. Off Permit Changes to a Source. Pursuant to section 502(b)(10) of the CAAA, the permittee may make changes to this installation/facility without revising this permit if:

a. The changes are not major modifications under any provision of any program required by section 110 of the Act, modifications under section 111 of the act, modifications under section 112 of the act, or major modifications as defined in 567 IAC Chapter 22.

b. The changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions);

c. The changes are not modifications under any provisions of Title I of the Act and the changes do not exceed the emissions allowable under the permit (whether expressed

therein as a rate of emissions or as total emissions);
d. The changes are not subject to any requirement under Title IV of the Act.
e. The changes comply with all applicable requirements.
f. For such a change, the permitted source provides to the department and the administrator by certified mail, at least 30 days in advance of the proposed change, a written notification, including the following, which must be attached to the permit by the source, the department and the administrator:

i. A brief description of the change within the permitted facility,
ii. The date on which the change will occur,
iii. Any change in emission as a result of that change,
iv. The pollutants emitted subject to the emissions trade
v. If the emissions trading provisions of the state implementation plan are invoked, then Title V permit requirements with which the source shall comply; a description of how the emissions increases and decreases will comply with the terms and conditions of the Title V permit.
vi. A description of the trading of emissions increases and decreases for the purpose of complying with a federally enforceable emissions cap as specified in and in compliance with the Title V permit; and
vii. Any permit term or condition no longer applicable as a result of the change. *567 IAC 22.110(1)*

2. Such changes do not include changes that would violate applicable requirements or contravene federally enforceable permit terms and conditions that are monitoring (including test methods), record keeping, reporting, or compliance certification requirements. *567 IAC 22.110(2)*
3. Notwithstanding any other part of this rule, the director may, upon review of a notice, require a stationary source to apply for a Title V permit if the change does not meet the requirements of subrule 22.110(1). *567 IAC 22.110(3)*
4. The permit shield provided in subrule 22.108(18) shall not apply to any change made pursuant to this rule. Compliance with the permit requirements that the source will meet using the emissions trade shall be determined according to requirements of the state implementation plan authorizing the emissions trade. *567 IAC 22.110(4)*
5. No permit revision shall be required, under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes, for changes that are provided for in this permit. *567 IAC 22.108(11)*

G18. Duty to Modify a Title V Permit

1. Administrative Amendment.

a. An administrative permit amendment is a permit revision that is required to do any of the following:

i. Correct typographical errors
ii. Identify a change in the name, address, or telephone number of any person identified in the permit, or provides a similar minor administrative change at the source;
iii. Require more frequent monitoring or reporting by the permittee; or
iv. Allow for a change in ownership or operational control of a source where the director determines that no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility,

coverage and liability between the current and new permittee has been submitted to the director.

b. The permittee may implement the changes addressed in the request for an administrative amendment immediately upon submittal of the request. The request shall be submitted to the director.

c. Administrative amendments to portions of permits containing provisions pursuant to Title IV of the Act shall be governed by regulations promulgated by the administrator under Title IV of the Act.

2. Minor Permit Modification.

a. Minor permit modification procedures may be used only for those permit modifications that do any of the following:

i. Do not violate any applicable requirements

ii. Do not involve significant changes to existing monitoring, reporting or recordkeeping requirements in the Title V permit.

iii. Do not require or change a case by case determination of an emission limitation or other standard, or increment analysis.

iv. Do not seek to establish or change a permit term or condition for which there is no corresponding underlying applicable requirement and that the source has assumed in order to avoid an applicable requirement to which the source would otherwise be subject. Such terms and conditions include any federally enforceable emissions caps which the source would assume to avoid classification as a modification under any provision under Title I of the Act; and an alternative emissions limit approved pursuant to regulations promulgated under section 112(i)(5) of the Act.;

v. Are not modifications under any provision of Title I of the Act; and

vi. Are not required to be processed as significant modification.

b. An application for minor permit revision shall be on the minor Title V modification application form and shall include at least the following:

i. A description of the change, the emissions resulting from the change, and any new applicable requirements that will apply if the change occurs.

ii. The permittee's suggested draft permit

iii. Certification by a responsible official, pursuant to 567 IAC 22.107(4), that the proposed modification meets the criteria for use of a minor permit modification procedures and a request that such procedures be used; and

iv. Completed forms to enable the department to notify the administrator and the affected states as required by 567 IAC 22.107(7).

c. The permittee may make the change proposed in its minor permit modification application immediately after it files the application. After the permittee makes this change and until the director takes any of the actions specified in 567 IAC 22.112(4) "a" to "c", the permittee must comply with both the applicable requirements governing the change and the proposed permit terms and conditions. During this time, the permittee need not comply with the existing permit terms and conditions it seeks to modify. However, if the permittee fails to comply with its proposed permit terms and conditions during this time period, existing permit term terms and conditions it seeks to modify may subject the facility to enforcement action.

3. Significant Permit Modification. Significant Title V modification procedures shall be used for applications requesting Title V permit modifications that do not qualify as minor Title V

modifications or as administrative amendments. These include but are not limited to all significant changes in monitoring permit terms, every relaxation of reporting or recordkeeping permit terms, and any change in the method of measuring compliance with existing requirements. Significant Title V modifications shall meet all requirements of 567 IAC Chapter 22, including those for applications, public participation, review by affected states, and review by the administrator, and those requirements that apply to Title V issuance and renewal. *567 IAC 22.111-567 IAC 22.113* The permittee shall submit an application for a significant permit modification not later than three months after commencing operation of the changed source unless the existing Title V permit would prohibit such construction or change in operation, in which event the operation of the changed source may not commence until the department revises the permit. *567 IAC 22.105(1)"a"(4)*

G19. Duty to Obtain Construction Permits

Unless exempted under 567 IAC 22.1(2), the permittee must not construct, install, reconstruct, or alter any equipment, control equipment or anaerobic lagoon without first obtaining a construction permit, conditional permit, or permit pursuant to 567 IAC 22.8, or permits required pursuant to 567 IAC 22.4 and 567 IAC 22.5. Such permits shall be obtained prior to the initiation of construction, installation or alteration of any portion of the stationary source. *567 IAC 22.1(1)*

G20. Asbestos

The permittee shall comply with 567 IAC 23.1(3)"a", and 567 IAC 23.2(3)"g" when conducting any renovation or demolition activities at the facility. *567 IAC 23.1(3)"a", and 567 IAC 23.2*

G21. Open Burning

The permittee is prohibited from conducting open burning, except as may be allowed by 567 IAC 23.2. *567 IAC 23.2 <u>except</u> 23.2(3)"h"; 567 IAC 23.2(3)"h" - State Only*

G22. Acid Rain (Title IV) Emissions Allowances

The permittee shall not exceed any allowances that it holds under Title IV of the Act or the regulations promulgated there under. Annual emissions of sulfur dioxide in excess of the number of allowances to emit sulfur dioxide held by the owners and operators of the unit or the designated representative of the owners and operators is prohibited. Exceedences of applicable emission rates are prohibited. "Held" in this context refers to both those allowances assigned to the owners and operators by USEPA, and those allowances supplementally acquired by the owners and operators. The use of any allowance prior to the year for which it was allocated is prohibited. Contravention of any other provision of the permit is prohibited. *567 IAC 22.108(7)*

G23. Stratospheric Ozone and Climate Protection (Title VI) Requirements

1. The permittee shall comply with the standards for labeling of products using ozone-depleting substances pursuant to 40 CFR Part 82, Subpart E:

    a. All containers in which a class I or class II substance is stored or transported, all products containing a class I substance, and all products directly manufactured with a class I substance must bear the required warning statement if it is being introduced into interstate commerce pursuant to § 82.106.

    b. The placement of the required warning statement must comply with the requirements pursuant to § 82.108.

    c. The form of the label bearing the required warning statement must comply with the requirements pursuant to § 82.110.

    d. No person may modify, remove, or interfere with the required warning statement except as described in § 82.112.

2. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for MVACs in Subpart B:

a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to § 82.156.
b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to § 82.158.
c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to § 82.161.
d. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with reporting and recordkeeping requirements pursuant to § 82.166. ("MVAC-like appliance" as defined at § 82.152)
e. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to § 82.156.
f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to § 82.166.

3. If the permittee manufactures, transforms, imports, or exports a class I or class II substance, the permittee is subject to all the requirements as specified in 40 CFR part 82, Subpart A, Production and Consumption Controls.
4. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners. The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant,
5. The permittee shall be allowed to switch from any ozone-depleting substance to any alternative that is listed in the Significant New Alternatives Program (SNAP) promulgated pursuant to 40 CFR part 82, Subpart G, Significant New Alternatives Policy Program. *40 CFR part 82*

G24. Permit Reopenings

1. This permit may be modified, revoked, reopened, and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. *567 IAC 22.108(9)"c"*
2. Additional applicable requirements under the Act become applicable to a major part 70 source with a remaining permit term of 3 or more years. Revisions shall be made as expeditiously as practicable, but not later than 18 months after the promulgation of such standards and regulations.
a. Reopening and revision on this ground is not required if the permit has a remaining term of less than three years;
b. Reopening and revision on this ground is not required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions have been extended pursuant to 40 CFR 70.4(b)(10)(i) or (ii) as amended to June 25, 1993.
c. Reopening and revision on this ground is not required if the additional applicable requirements are implemented in a general permit that is applicable to the source and the

source receives approval for coverage under that general permit. *567 IAC 22.108(17)"a", 567 IAC 22.108(17)"b"*

3. A permit shall be reopened and revised under any of the following circumstances:

a. The department receives notice that the administrator has granted a petition for disapproval of a permit pursuant to 40 CFR 70.8(d) as amended to June 25, 1993, provided that the reopening may be stayed pending judicial review of that determination;

b. The department or the administrator determines that the Title V permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the Title V permit;

c. Additional applicable requirements under the Act become applicable to a Title V source, provided that the reopening on this ground is not required if the permit has a remaining term of less than three years, the effective date of the requirement is later than the date on which the permit is due to expire, or the additional applicable requirements are implemented in a general permit that is applicable to the source and the source receives approval for coverage under that general permit. Such a reopening shall be complete not later than 18 months after promulgation of the applicable requirement.

d. Additional requirements, including excess emissions requirements, become applicable to a Title IV affected source under the acid rain program. Upon approval by the administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.

e. The department or the administrator determines that the permit must be revised or revoked to ensure compliance by the source with the applicable requirements. *567 IAC 22.114(1)*

4. Proceedings to reopen and reissue a Title V permit shall follow the procedures applicable to initial permit issuance and shall effect only those parts of the permit for which cause to reopen exists. *567 IAC 22.114(2)*

G25. Permit Shield

1. The director may expressly include in a Title V permit a provision stating that compliance with the conditions of the permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that:

a. Such applicable requirements are included and are specifically identified in the permit; or

b. The director, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the source, and the permit includes the determination or a concise summary thereof.

2. A Title V permit that does not expressly state that a permit shield exists shall be presumed not to provide such a shield.

3. A permit shield shall not alter or affect the following:

a. The provisions of Section 303 of the Act (emergency orders), including the authority of the administrator under that section;

b. The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;

c. The applicable requirements of the acid rain program, consistent with Section 408(a) of the Act;

d. The ability of the department or the administrator to obtain information from the facility pursuant to Section 114 of the Act. *567 IAC 22.108 (18)*

G26. Severability
The provisions of this permit are severable and if any provision or application of any provision is found to be invalid by this department or a court of law, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected by such finding. *567 IAC 22.108 (8)*

G27. Property Rights
The permit does not convey any property rights of any sort, or any exclusive privilege. *567 IAC 22.108 (9)"d"*

G28. Transferability
This permit is not transferable from one source to another. If title to the facility or any part of it is transferred, an administrative amendment to the permit must be sought to determine transferability of the permit. *567 IAC 22.111 (1)"d"*

G29. Disclaimer
No review has been undertaken on the engineering aspects of the equipment or control equipment other than the potential of that equipment for reducing air contaminant emissions. *567 IAC 22.3(3)"c"*

G30. Notification and Reporting Requirements for Stack Tests or Monitor Certification
The permittee shall notify the department's stack test contact in writing not less than 30 days before a required test or performance evaluation of a continuous emission monitor is performed to determine compliance with an applicable requirement. For the department to consider test results a valid demonstration of compliance with applicable rules or a permit condition, such notice shall be given. Such notice shall include the time, the place, the name of the person who will conduct the test and other information as required by the department. Unless specifically waived by the department's stack test contact, a pretest meeting shall be held not later than 15 days prior to conducting the compliance demonstration. The department may accept a testing protocol in lieu of a pretest meeting. A representative of the department shall be permitted to witness the tests. Results of the tests shall be submitted in writing to the department's stack test contact in the form of a comprehensive report within six weeks of the completion of the testing. Compliance tests conducted pursuant to this permit shall be conducted with the source operating in a normal manner at its maximum continuous output as rated by the equipment manufacturer, or the rate specified by the owner as the maximum production rate at which the source shall be operated. In cases where compliance is to be demonstrated at less than the maximum continuous output as rated by the equipment manufacturer, and it is the owner's intent to limit the capacity to that rating, the owner may submit evidence to the department that the source has been physically altered so that capacity cannot be exceeded, or the department may require additional testing, continuous monitoring, reports of operating levels, or any other information deemed necessary by the department to determine whether such source is in compliance.

Stack test notifications, reports and correspondence shall be sent to:

Stack Test Review Coordinator
Iowa DNR, Air Quality Bureau
7900 Hickman Road, Suite #1
Urbandale, IA 50322
(515) 242-6001

Within Polk and Linn Counties, stack test notifications, reports and correspondence shall also be directed to the supervisor of the respective county air pollution program.
567 IAC 25.1(7)"a", 567 IAC 25.1(9)

G31. Prevention of Air Pollution Emergency Episodes

The permittee shall comply with the provisions of 567 IAC Chapter 26 in the prevention of excessive build-up of air contaminants during air pollution episodes, thereby preventing the occurrence of an emergency due to the effects of these contaminants on the health of persons. *567 IAC 26.1(1)*

G32. Contacts List

The current address and phone number for reports and notifications to the EPA administrator is:

Chief of Air Permits
EPA Region 7
Air Permits and Compliance Branch
901 N. 5th Street
Kansas City, KS 66101
(913) 551-7020

The current address and phone number for reports and notifications to the department or the Director is:

Chief, Air Quality Bureau
Iowa Department of Natural Resources
7900 Hickman Road, Suite #1
Urbandale, IA 50322
(515) 242-5100

Reports or notifications to the DNR Field Offices or local programs shall be directed to the supervisor at the appropriate field office or local program. Current addresses and phone numbers are:

Field Office 1
909 West Main – Suite 4
Manchester, IA 52057
(563) 927-2640

Field Office 2
P.O. Box 1443
2300-15th St., SW
Mason City, IA 50401
(641) 424-4073

Field Office 3
1900 N. Grand Ave.
Spencer, IA 51301
(712) 262-4177

Field Office 4
1401 Sunnyside Lane
Atlantic, IA 50022
(712) 243-1934

Field Office 5
401 SW 7th Street, Suite I
Des Moines, IA 50309
(515) 725-0268

Field Office 6
1023 West Madison Street
Washington, IA 52353-1623
(319) 653-2135

Polk County Planning & Development
Air Quality Division
5885 NE 14th St.
Des Moines, IA 50313
(515) 286-3351

Linn County Public Health Dept.
Air Quality Division
501 13th St., NW
Cedar Rapids, IA 52405
(319) 892-6000